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VALENCIA OBSERVATORY LAT. 51°55′ N LONG. 10°18′ W

HOURLY VALUES January 1878.

BAROMETER.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	30·170	30·135	30·123	30·079	30·029	29·992	29·967	29·942	29·944	29·959	29·950	29·950	29·949	29·970	29·976	29·954	29·980	30·032	30·061	30·101	30·123	30·142	30·144	30·147
2	·170	·209	·229	·220	·212	30·214	30·232	30·248	30·261	30·271	30·272	30·254	30·238	30·219	30·212	30·213	30·207	30·203	30·206	30·195	30·190	30·183	30·180	30·171
3	30·151	30·150	·138	·110	·076	·065	·052	·044	·034	·000	29·981	29·955	29·921	29·899	29·893	29·892	29·896	29·899	29·906	29·919	29·934	29·942	29·949	29·946
4	29·969	29·984	·005	·009	·012	·019	·031	·039	·045	·060	30·069	30·065	30·067	30·068	30·085	30·083	30·090	30·103	30·107	30·102	30·093	30·093	30·098	30·102
5	30·103	30·103	·106	·094	·086	·079	·077	·084	·087	·091	·094	·100	·090	·083	·086	·090	·102	·119	·130	·151	·162	·160	·164	30·180
6	30·192	30·193	30·192	30·185	30·181	30·169	30·173	30·174	30·174	30·167	30·169	30·150	30·123	30·108	30·100	30·096	30·089	30·076	30·065	30·063	30·043	30·017	30·004	29·981
7	29·954	29·929	29·909	29·896	29·875	29·860	29·857	29·851	29·849	29·841	29·847	29·849	29·835	29·841	29·842	29·843	29·846	29·847	29·851	29·854	29·868	29·879	29·907	29·937
8	29·950	29·989	30·016	30·033	30·044	30·058	30·086	30·129	30·152	30·182	30·190	30·195	30·202	30·238	30·242	30·276	30·293	30·305	30·325	30·343	30·339	30·344	30·340	30·345
9	30·353	30·358	·366	·366	·368	·374	·385	·395	·407	·420	·419	·417	·407	·402	·405	·410	·409	·414	·412	·417	·415	·413	·406	·404
10	·395	·394	·390	·389	·382	·372	·379	·388	·395	·409	·405	·397	·388	·376	·387	·394	·404	·401	·407	·422	·432	·438	·440	·443
11	·445	·452	·454	·467	·476	·470	·469	·482	·503	·514	·519	·525	·527	·522	·519	·530	·523	·522	·524	·532	·536	·540	·537	·535
12	·534	·532	·525	·517	·499	·494	·483	·489	·493	·501	·488	·469	·442	·439	·431	·440	·427	·419	·428	·430	·419	·416	·413	·422
13	·415	·420	·436	·447	·444	·449	·450	·462	·469	·487	·502	·491	·487	·483	·486	·478	·481	·473	·471	·470	·464	·452	·432	·418
14	·411	·402	·408	·403	·394	·383	·381	·383	·387	·397	·400	·399	·387	·384	·389	·395	·395	·402	·411	·419	·424	·426	·429	·427
15	·424	·428	·440	·444	·442	·438	·435	·444	·456	·469	·471	·466	·446	·431	·426	·428	·431	·436	·439	·441	·438	·437	·427	·432
16	·426	·426	·425	·430	·415	·418	·410	·407	·415	·436	·441	·437	·427	·411	·417	·417	·429	·441	·452	·466	·476	·486	·489	·496
17	·496	·490	·495	·502	·505	·509	·513	·519	·543	·557	·561	·553	·544	·539	·538	·542	·544	·550	·548	·550	·546	·549	·547	‡·543
18	*	·536	·527	·519	·509	·494	·487	·489	·490	·491	·495	·487	·472	·458	·441	·432	·422	·414	·394	·383	30·368	·355	·347	·332
19	·310	·291	·279	·243	·224	·209	·196	·195	·187	·185	·173	·160	·131	·111	30·092	30·078	30·063	30·047	30·026	30·003	29·994	30·012	30·062	30·107
20	30·130	30·139	30·151	30·148	30·146	30·150	30·152	30·132	30·139	30·151	30·133	30·102	30·068	30·047	29·997	29·977	29·946	29·933	29·937	29·943	·936	29·942	29·930	29·925
21	29·930	29·935	29·923	29·923	29·915	29·897	29·896	29·891	29·891	29·889	29·887	29·886	29·859	29·839	·821	·827	·826	·831	·832	·840	·842	·845	·864	·867
22	·867	·870	·879	·875	·867	·859	·865	·882	·910	·938	·951	·952	·940	·924	·908	·868	·837	·788	·763	·787	·808	·837	·847	·868
23	·872	·862	·866	·861	·862	·841	·851	·852	·871	·885	·874	·892	·881	·868	·867	·883	·898	·908	·912	·934	·929	·941	·929	·900
24	·866	·816	·766	·734	·723	·704	·700	·681	·656	·638	·606	·579	·558	29·563	29·581	29·616	29·651	29·672	29·674	29·678	29·682	29·693	29·706	29·740
25	29·757	29·771	29·806	29·831	29·851	29·856	29·874	29·900	29·916	29·939	29·960	29·990	29·995	30·021	30·040	30·055	30·068	30·082	30·094	30·113	30·121	30·129	30·147	30·151
26	30·156	30·157	30·151	30·148	30·141	30·135	30·131	30·127	30·126	30·110	30·103	30·073	30·059	30·029	30·023	30·007	29·998	29·989	29·982	29·971	29·967	29·954	29·946	29·936
27	29·921	29·909	29·897	29·883	29·873	29·865	29·854	29·846	29·840	29·835	29·817	29·799	29·780	29·751	29·735	29·743	29·748	29·775	29·787	29·794	29·801	29·804	29·798	29·803
28	29·802	29·816	29·828	29·835	29·842	29·855	29·861	29·882	29·892	29·922	29·935	29·954	29·946	29·957	29·967	29·999	30·012	30·033	30·050	30·069	30·093	30·105	30·125	30·144
29	30·154	30·176	30·186	30·201	30·197	30·202	30·207	30·213	30·220	30·225	30·226	30·206	30·190	30·161	30·151	30·136	·122	·106	·085	·069	·049	·032	·028	·022
30	·022	·028	·037	·040	·045	·061	·066	·088	·122	·159	·170	·192	·198	·207	·224	·244	·279	·293	·300	·321	·333	·332	·343	·369
31	30·380	30·385	30·405	30·408	30·413	30·429	30·443	30·463	30·483	30·512	30·523	30·539	30·538	30·534	30·544	30·552	30·564	30·580	30·591	30·607	30·616	30·622	30·634	30·640

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	48·5	48·1	46·9	46·8	47·6	47·6	48·4	48·3	48·4	48·3	48·7	49·0	49·5	49·5	49·8	50·6	51·0	50·9	50·6	50·5	50·2	50·4	50·2	50·2
2	50·6	50·5	50·1	50·2	48·7	48·8	49·8	50·6	51·2	51·3	51·3	51·5	51·8	51·7	51·4	50·7	49·6	49·4	49·4	49·5	49·6	49·7	50·3	50·4
3	50·3	50·3	50·0	50·7	50·7	50·6	50·8	50·9	51·0	51·2	51·4	51·5	51·5	52·1	52·2	51·8	51·5	51·5	51·4	51·2	50·6	50·4	50·2	49·7
4	50·0	50·0	49·7	49·1	48·5	48·1	47·9	47·7	47·4	47·3	47·1	47·3	48·0	49·1	49·3	48·5	47·7	48·2	49·0	48·8	49·6	49·9	50·3	50·1
5	50·1	50·6	50·4	50·4	50·7	50·6	50·5	50·9	51·2	51·4	52·0	51·1	51·5	52·3	50·5	51·1	50·1	49·2	49·2	49·0	48·9	48·0	48·0	47·7
6	47·3	47·1	46·7	46·0	46·0	45·5	46·1	45·8	45·5	46·3	46·7	47·4	47·7	48·6	48·3	47·7	47·0	45·8	46·9	46·6	47·0	47·1	47·0	46·5
7	45·2	45·2	45·5	43·5	44·7	45·6	44·7	42·0	42·3	45·3	45·0	44·1	46·4	45·0	46·5	46·3	45·1	46·5	47·0	47·5	46·3	46·0	46·2	45·6
8	45·1	44·6	45·0	45·3	45·3	45·3	44·7	44·4	43·0	43·2	43·1	44·1	44·2	43·5	44·0	43·1	41·3	40·9	40·9	41·4	40·5	40·7	41·1	41·7
9	42·1	42·0	41·4	40·5	40·0	39·6	38·5	38·6	39·4	39·6	40·2	40·4	40·8	40·7	40·4	40·4	38·5	35·3	34·8	34·4	34·5	33·0	33·5	34·4
10	32·8	32·6	34·1	34·7	34·9	34·0	35·4	35·3	36·3	36·7	37·9	39·0	40·6	41·3	41·3	41·4	40·5	40·2	40·7	40·1	40·5	41·2	40·5	40·1
11	40·0	41·0	41·2	40·8	41·8	41·7	41·8	41·7	41·5	43·1	44·9	45·9	46·5	46·1	45·4	45·5	43·5	43·1	44·5	44·3	45·1	45·2	45·0	43·5
12	44·0	45·3	45·0	45·2	45·4	46·0	45·9	45·7	45·8	46·0	47·2	47·7	48·2	48·6	48·7	48·7	49·0	49·1	48·4	48·3	48·8	48·9	49·5	49·4
13	49·0	49·3	48·5	47·7	46·8	45·6	46·6	47·6	47·8	48·1	49·3	50·1	50·1	50·6	50·7	50·4	50·8	50·6	50·5	50·6	50·6	50·6	50·7	51·4
14	51·7	51·6	51·6	51·6	51·7	51·9	51·8	51·8	51·9	51·8	51·7	51·6	51·9	51·3	51·9	51·9	51·8	51·3	51·5	52·3	51·6	51·5	51·6	51·6
15	52·4	51·9	52·0	52·2	52·2	52·0	51·9	51·9	51·8	51·8	51·9	51·6	52·4	52·7	52·1	51·2	50·3	50·0	50·6	50·7	50·8	50·8	50·9	50·8
16	50·8	50·8	50·8	50·9	51·0	51·0	51·0	51·1	51·5	51·6	52·3	52·9	53·0	53·0	52·8	51·8	51·0	50·9	51·0	50·7	50·7	50·7	50·5	49·5
17	48·8	48·7	48·2	48·7	48·2	47·5	48·0	47·6	48·9	49·0	49·8	50·4	50·5	50·4	49·0	48·4	48·2	47·0	46·9	46·8	46·7	46·4	46·5	46·5
18	46·3	46·3	46·3	46·2	46·2	46·0	46·2	46·2	46·2	46·4	46·8	47·0	47·4	47·6	47·6	47·2	46·7	46·5	45·8	45·7	46·0	45·8	46·6	47·4
19	47·6	48·0	48·3	48·9	49·4	49·2	49·7	49·7	50·2	50·7	51·1	51·2	51·3	51·0	50·4	50·4	50·7	50·8	51·0	50·9	51·2	51·4	49·0	48·8
20	48·2	46·8	45·8	46·3	48·3	48·3	49·0	49·3	49·6	50·1	50·4	50·7	50·8	50·8	50·7	50·4	51·4	52·0	52·7	52·7	52·7	52·7	53·1	53·0
21	53·4	53·9	53·8	53·8	54·2	53·8	54·1	54·1	53·6	53·6	54·8	54·5	54·7	54·0	54·3	54·2	54·3	54·0	53·8	53·7	53·7	53·8	52·5	50·0
22	49·8	48·4	48·7	49·1	48·7	49·0	48·8	48·0	47·2	46·7	47·3	48·8	47·4	47·9	47·9	48·9	49·7	50·6	49·7	47·3	45·7	41·8	42·7	43·1
23	42·5	43·9	41·7	38·3	41·0	39·7	40·6	44·1	42·0	38·2	44·6	44·1	41·0	44·9	45·1	45·6	44·7	44·9	45·0	45·9	46·0	45·8	46·3	45·4
24	45·3	45·3	45·8	49·4	49·2	49·0	49·2	49·2	49·8	49·5	50·0	50·3	51·0	51·5	50·2	50·5	49·4	49·0	47·3	46·6	46·4	46·3	46·7	46·1
25	45·4	45·4	43·0	43·5	42·7	42·1	41·7	41·3	41·0	40·0	41·1	40·1	41·3	39·6	40·8	40·0	39·8	41·0	41·3	41·7	42·0	41·5	41·5	41·1
26	41·0	41·7	42·0	42·3	41·0	40·4	39·7	40·2	40·7	41·2	42·9	43·8	44·7	45·0	45·7	45·9	46·6	49·3	49·4	49·8	49·8	49·9	50·2	50·1
27	50·4	50·5	50·0	50·0	50·0	50·1	49·8	49·8	49·9	50·0	50·3	50·5	50·2	50·0	50·4	47·4	46·7	45·9	46·6	45·3	45·1	44·4	45·0	45·3
28	45·7	44·1	44·2	42·4	40·7	41·7	39·4	40·4	40·9	41·9	42·5	38·6	42·6	43·4	42·4	42·5	42·3	40·6	42·6	42·4	41·0	41·9	43·0	43·7
29	44·1	43·3	41·4	42·3	43·5	44·1	44·3	44·5	44·7	42·9	43·8	46·6	47·6	47·9	47·0	46·8	46·4	46·4	46·9	46·9	47·0	47·5	47·7	47·9
30	47·9	47·7	46·7	46·4	46·0	46·3	46·3	44·4	43·5	45·0	45·0	47·1	48·2	49·0	51·4	51·5	49·9	47·7	47·7	47·0	47·0	45·8	46·7	46·8
31	46·7	46·5	46·5	46·3	45·7	44·3	43·0	42·7	43·9	44·5	45·9	45·8	46·7	46·8	46·6	46·5	46·2	45·0	44·2	44·0	43·3	41·3	39·4	40·0

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	44·4	45·0	45·7	45·8	46·3	46·5	46·5	46·9	47·4	47·7	47·7	48·2	48·7	49·0	49·5	49·8	50·0	50·4	50·4	50·4	50·1	50·3	50·0	50·0
2	50·1	49·9	49·7	49·6	48·3	48·3	49·0	49·7	50·0	50·3	50·4	50·9	51·0	51·0	50·8	50·3	49·2	49·0	49·1	49·2	49·3	49·4	49·9	49·9
3	49·9	49·8	49·4	49·7	50·0	50·1	50·2	50·4	49·9	50·0	50·4	50·7	51·0	51·7	52·0	51·8	51·5	51·4	51·4	51·2	50·6	50·3	50·0	49·7
4	49·9	49·8	49·4	49·0	48·4	47·9	47·7	47·6	47·4	47·2	47·1	47·3	47·9	48·8	49·2	48·3	47·7	48·2	48·9	48·5	49·2	49·5	50·0	49·8
5	50·0	50·4	50·2	50·3	50·5	50·2	50·3	50·8	51·1	51·3	52·0	50·6	50·3	50·0	49·4	49·8	49·0	48·8	48·4	48·2	47·9	47·3	47·1	47·0
6	46·1	46·4	45·2	45·6	45·2	44·9	44·2	44·4	44·1	45·2	45·5	45·3	46·0	46·1	44·4	43·5	43·5	42·8	42·6	41·0	41·7	41·6	41·7	42·9
7	43·3	42·8	42·5	41·3	40·7	40·0	40·4	40·6	39·0	41·1	41·3	40·0	42·5	41·5	42·1	41·9	41·9	42·2	42·0	42·9	43·0	43·3	42·7	41·4
8	41·0	40·8	41·2	42·0	42·2	41·7	41·4	41·0	40·0	40·4	40·6	41·0	41·4	40·4	41·0	40·0	39·7	38·8	38·4	39·1	38·2	38·5	38·7	38·6
9	39·3	39·3	37·6	36·8	36·6	35·7	35·1	35·1	35·7	35·9	36·4	36·5	36·6	36·3	36·5	36·4	35·2	33·0	32·5	32·5	32·3	31·1	31·7	31·7
10	31·3	30·8	31·7	32·5	32·5	32·2	32·9	33·0	33·7	34·5	35·3	36·5	37·7	38·4	39·0	39·1	38·9	38·4	38·7	38·6	38·6	39·2	38·8	38·6
11	38·7	39·0	40·3	39·7	40·2	40·5	40·5	40·3	40·1	40·7	42·1	42·7	43·6	43·0	43·2	42·6	42·1	41·5	42·1	42·1	42·1	41·7	41·6	41·8
12	42·1	42·2	43·2	44·0	43·9	44·1	43·7	44·1	44·0	43·5	44·0	44·3	44·6	44·6	45·1	45·3	45·9	46·3	46·7	47·0	47·4	47·6	47·8	48·1
13	48·4	48·5	47·8	47·3	46·5	45·2	46·3	46·9	47·2	47·6	48·4	48·9	49·0	49·0	49·7	49·7	49·4	49·2	49·3	49·3	49·4	49·4	49·5	49·7
14	49·9	49·9	49·8	49·4	48·7	48·1	48·3	48·4	48·9	49·2	49·6	49·7	49·9	50·2	50·2	50·0	50·1	49·9	50·0	49·8	49·8	49·7	49·7	49·7
15	49·4	49·4	49·3	49·2	48·9	48·6	47·8	47·7	47·7	47·3	47·5	48·5	49·3	49·6	49·7	47·9	47·5	47·3	47·5	47·4	46·9	47·3	47·2	47·3
16	47·9	47·6	48·1	48·2	48·3	48·1	47·9	48·2	48·5	48·9	49·0	49·2	49·4	49·4	49·8	49·5	49·3	49·1	49·2	49·2	49·2	49·2	49·0	48·3
17	47·9	47·7	47·7	47·7	47·3	47·0	47·2	46·9	47·6	48·2	48·6	47·4	47·7	46·9	45·1	45·2	45·2	44·3	43·9	43·9	43·8	43·3	43·4	43·4
18	43·1	43·3	44·0	43·2	43·6	43·3	43·3	43·1	43·1	43·2	44·0	44·0	44·4	44·7	44·7	44·6	44·6	44·6	44·1	44·0	44·0	43·8	45·0	45·6
19	46·3	46·9	47·4	47·7	48·0	48·3	48·5	48·7	48·8	49·0	49·4	49·5	49·5	49·4	49·7	49·3	49·9	49·9	49·8	49·8	50·3	50·4	48·1	46·8
20	46·2	45·2	44·0	44·7	*	*	47·3	47·8	48·2	48·4	48·8	49·0	49·2	48·6	48·7	49·1	49·3	49·9	50·6	51·2	51·3	51·4	51·9	51·9
21	52·0	52·3	52·3	52·6	52·7	52·6	52·7	52·6	52·5	52·3	52·6	52·8	53·0	53·0	53·4	53·1	53·2	53·2	53·2	53·2	53·3	53·1	51·7	49·4
22	49·7	48·3	48·5	48·8	48·7	49·0	48·5	47·4	46·7	45·6	46·3	46·8	46·8	45·3	46·4	46·5	46·3	47·2	48·0	44·0	41·6	40·0	40·0	39·1
23	38·5	38·1	37·5	37·2	38·1	37·7	37·4	38·4	38·5	37·3	40·0	39·3	40·0	41·5	40·9	40·5	40·6	41·2	40·3	40·9	42·1	41·9	42·4	43·4
24	44·0	44·4	45·2	48·4	48·2	47·8	48·3	48·3	48·9	49·1	49·0	49·0	49·1	48·8	48·1	47·7	46·0	45·7	45·2	44·6	44·3	43·9	44·4	43·7
25	42·6	41·3	40·3	38·6	38·6	37·8	37·0	36·9	36·9	36·9	37·3	36·8	38·1	37·3	37·7	37·3	37·2	37·2	37·4	37·7	37·0	37·6	37·4	37·9
26	37·9	38·1	38·4	‡38·5	‡38·4	‡37·7	‡38·0	*	38·8	39·1	41·3	43·3	44·2	44·7	45·6	45·5	46·3	49·0	49·4	49·8	49·8	49·6	50·0	49·8
27	50·0	49·9	49·8	49·8	49·9	50·0	49·8	49·0	49·0	49·0	49·7	49·7	49·7	49·6	49·9	46·9	46·1	43·9	42·8	41·2	40·9	40·3	41·7	42·8
28	42·6	40·6	39·4	38·6	38·0	37·0	36·8	36·0	35·6	37·1	38·2	36·5	38·9	38·9	39·0	38·0	38·9	38·4	39·6	39·6	39·5	39·9	40·0	40·0
29	40·7	40·2	40·0	40·3	40·6	41·1	40·9	*	41·7	41·8	42·7	44·1	44·9	46·1	45·6	45·7	45·6	45·8	46·3	46·3	46·4	46·8	47·2	47·3
30	47·3	47·2	46·6	46·2	45·8	45·9	45·7	44·3	43·3	44·3	44·7	46·7	47·2	47·5	48·6	49·1	48·4	46·9	46·7	46·3	46·4	45·3	46·3	46·3
31	46·6	45·8	45·3	44·7	44·2	43·3	42·0	41·7	42·9	43·0	44·0	44·0	44·6	44·1	44·2	44·0	44·0	43·3	42·8	42·7	41·6	40·4	38·3	38·7

* Record defective or Instrument out of action.

‡ Approximate

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: *51°55′* N. LONG: *10°18′* W.

HOURLY VALUES *January* 1878.

WIND DIRECTION IN NUMBERS {8=E, 16=S, 24=W, 32=N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	14	19	14	28	14	28	13	26	13	30	13	31	13	35	12	37	13	37	13	30	13	35	12	26	12	20
2	2	4	1	7·5	1	7·5	9	7·5	13	3	12	2	14	4	12	3	5	4·5	18	4·5	14	12	13	15	12	20
3	16	23	16	26	17	28	17	27	18	29	18	29	18	27	17	24	17	30	17	29	17	34	18	34	19	29
4	29	6·5	29	7·5	28	8·5	25	5·5	25	5·5	20	4	20	2	20	1·5	20	1·5	20	1·5	21	2	21	3	21	2
5	13	11	13	6·5	13	6·5	13	3	13	4	13	2	13	2	13	2	22	31	22	4	24	14	25	14	25	15
6	30	8·5	29	11	29	9·5	30	4·5	29	6·5	28	6·5	28	8·5	26	11	27	7·5	27	9·5	27	10·5	27	12	27	12
7	28	28	27	29	27	27	27	25	28	26	30	26	28	28	28	29	28	30	30	21	30	26	29	25	31	29
8	2	29	1	21	2	20	2	20	3	14	3	25	4	23	4	22	4	20	3	15	4	23	4	24	3	23
9	4	11	3	16	5	17	5	10·5	5	12	5	14	5	12	5	10·5	7	9·5	7	10·5	8	11	6	11	6	16
10	5	3	5	4	5	3	5	2	5	3	5	3	5	3	5	3	5	2	5	2	14	2	14	4·5	14	5·5
11	12	10·5	11	12	12	12	12	10·5	12	10·5	12	13	12	13	12	9·5	12	6·5	11	15	11	20	11	22	12	20
12	14	20	14	20	15	22	14	29	15	30	16	33	15	34	16	33	16	35	16	32	16	34	16	36	17	40
13	22	31	22	25	23	11	23	2	20	1·5	20	1·5	20	3	20	4·5	22	4	22	4	21	10·5	22	12	22	15
14	21	34	20	37	21	34	21	32	21	30	20	31	21	33	21	31	21	35	21	30	21	30	22	27	22	29
15	22	22	22	22	23	20	23	19	23	19	22	18	23	19	22	17	22	20	23	16	23	17	22	16	22	23
16	22	18	23	16	23	15	23	13	23	12	24	18	23	14	23	18	23	18	24	13	23	24	23	24	23	22
17	24	11	24	12	24	11	25	13	25	7·5	25	8·5	25	5·5	25	6·5	25	7·5	25	4·5	24	7·5	22	9·5	22	11
18	25	3	18	5·5	18	5·5	18	6·5	18	6·5	16	7·5	15	9·5	17	9·5	16	10·5	17	11	15	11	15	13	14	14
19	14	32	14	33	15	29	15	29	15	30	16	32	16	33	15	35	16	32	16	32	16	37	16	36	16	38
20	24	8·5	24	3·5	24	4·5	24	7·5	21	12	20	14	20	18	19	21	19	24	19	26	18	29	17	39	16	41
21	19	39	21	42	20	49	20	43	19	48	19	46	20	50	20	46	19	48	19	45	20	54	19	53	20	56
22	24	4	29	6·5	2	2	2	2	2	1·5	2	2	2	3	28	7·5	27	8·5	27	5·5	25	9·5	24	13	22	26
23	25	40	23	44	24	40	23	44	26	44	24	37	25	39	25	40	25	45	24	38	25	40	25	43	24	45
24	26	23	26	16	24	19	25	34	27	33	26	31	27	30	26	26	25	36	24	36	24	39	26	39	26	42
25	30	22	28	27	29	31	29	33	30	31	29	30	30	31	28	30	29	31	29	29	30	32	30	32	31	32
26	30	13	30	7·5	30	7·5	30	3	30	1·5	30	1·5	30	3	8	4	11	9·5	12	7·5	18	10·5	14	17	14	12
27	22	16	22	19	22	16	22	18	22	20	21	20	21	21	20	27	20	24	19	26	20	29	18	30	19	24
28	27	25	27	26	27	30	27	23	27	23	27	26	25	21	27	19	26	20	27	14	26	16	27	14	26	22
29	29	14	29	17	27	10·5	29	11	28	12	26	10·5	26	8·5	26	8·5	28	3	25	5·5	13	5·5	20	8·5	21	14
30	22	4·5	22	2	22	2	22	2	22	3	14	4	14	2	10	4·5	5	2	5	1·5	5	2	5	1·5	5	1·5
31	22	3	9	7·5	9	5·5	7	9·5	9	9·5	10	10·5	10	9·5	9	4·5	10	14	10	12	11	13	11	16	11	15

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	5	10·5	2	9·5	11	19	13	10·5	10	4	9	2	9	4	4	3	4	3	4	2	3	5·5
2	13	27	13	30	14	26	14	24	14	22	14	26	14	22	15	21	15	21	16	24	17	23
3	21	27	21	26	22	18	22	16	23	16	23	17	25	17	26	16	26	20	26	23	28	15
4	21	3	14	3	12	8·5	12	11	12	13	12	14	12	16	11	14	12	16	13	10·5	13	15
5	25	12	25	10·5	27	14	28	14	28	12	28	13	29	12	29	15	30	14	30	10·5	30	15
6	26	15	27	19	28	21	27	21	26	21	27	24	27	26	27	29	27	26	26	29	26	26
7	31	26	30	26	30	30	31	28	30	29	29	30	30	32	31	32	31	28	1	25	2	27
8	25	7·5	4	11	4	12	3	8·5	3	10·5	4	10·5	9	5·5	3	9·5	2	5·5	3	10·5	4	12
9	6	17	6	13	6	11	6	10·5	5	6·5	5	3	5	2	5	2	5	2	5	1·5	5	2
10	10	5·5	9	5·5	9	8·5	8	6·5	3	7·5	11	17	12	14	10	12	12	16	10	10·5	11	14
11	12	17	13	14	14	16	13	15	13	15	14	16	14	17	14	20	14	20	14	13	14	10·5
12	18	44	18	43	18	41	18	39	19	38	19	35	19	39	20	37	20	39	20	40	21	35
13	21	14	21	17	21	19	21	23	21	25	20	29	19	33	20	31	19	32	19	38	19	39
14	22	22	22	21	22	26	22	21	22	17	22	19	22	24	22	21	22	21	22	24	22	24
15	22	24	22	22	22	26	22	20	23	20	23	20	23	19	23	14	23	17	23	17	22	17
16	23	22	24	14	23	17	24	15	24	13	24	14	24	14	24	13	24	13	24	12	24	11
17	22	7·5	22	7·5	24	8·5	24	3	24	6·5	24	4·5	24	4·5	24	4	24	4	25	5·5	25	4
18	14	13	14	15	14	14	14	19	14	21	13	19	13	20	13	21	11	19	12	24	13	30
19	16	37	16	39	17	40	17	42	17	44	17	44	16	48	17	43	21	22	25	19	26	16
20	16	43	15	44	15	46	17	45	19	45	19	46	19	52	18	49	18	44	19	43	18	39
21	20	54	21	56	20	52	20	51	20	50	20	44	21	42	21	40	20	41	26	18	28	4
22	22	30	21	30	21	35	20	41	20	51	22	49	24	37	23	40	23	41	24	42	24	43
23	25	48	26	44	27	47	28	40	27	44	27	43	27	41	26	38	26	33	26	34	25	30
24	26	40	27	40	27	36	28	27	28	24	28	19	27	18	28	21	28	18	27	22	29	21
25	30	24	30	27	30	23	30	28	30	22	30	18	30	20	30	21	30	19	31	12	31	11
26	13	20	12	15	11	11	11	4·5	21	11	22	13	22	11	22	11	22	12	22	14	22	15
27	19	24	19	22	30	19	30	20	30	17	30	16	28	14	28	12	28	11	26	11	26	18
28	26	22	27	22	25	19	26	21	25	16	27	18	25	25	27	20	28	20	27	19	27	16
29	19	13	20	13	17	15	17	15	16	14	18	17	17	17	15	20	16	20	18	18	21	13
30	5	2	5	4·5	22	7·5	22	5·5	22	4·5	22	3	22	3	22	2	22	2	22	2	22	2
31	11	16	12	10·5	12	10·5	12	10·5	12	8·5	12	4	12	4·5	12	6·5	12	3	12	6·5	12	5·5

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	·020	.	.	.	·017	·028	·105	·125	·150	·082	·120	·061	·002	.	.	·025	·007	·005	·003	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	·002	·002	·002	·002	·002	·008	·004	·003	.	.	.	.
3	.	.	.	.	.	.	·002	·108	·115	·070	·132	·203	·082	·023	·005	·003	·003	·004	·010	·003	·005	·002	·003	·005
4	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·005	·005	.	.	.
5	·003	·002	·001	·001	·001	·001	·001	·001	·001	·001	·013	·005	.	.	·015	.	.	.	·008	·002	·003	·001	·001	·001
6	.	.	·007	·002	·010	·008	·004	·003	·002	.	·006	·007	.	.	.	.	.	·008	.	.	.	.	.	.
7	·007	·070	·002	·010	·086	·032	.	·005	·028	·005	·007	.	.	·013	·005	·003	·002	.	.	.	·040	·018	·010	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·002	·002	·001	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	·005	·002	·001	·002	·010	.	.	.	.	.	.	.	.	·032	·048	·017	·033	·010	·050
13	·125	·067	·118	·052	·006	.	·004	·008	.	.	.	.	.	.	·010	·010	·005	.	.	.	·003	·002	·010	.
14	.	.	.	.	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	·002	·002	·002	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	·005	·010	·008	·022	·008	·013	·006	.	.	.	.	·003	·077	·088	·057	·020	·065	·078	·010	·002	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·030	.	.	·010	·002
21	·001	·001	·001	·001	·001	·001	·001	·001	·001	·001	.	.	.	·003	·010	·008	·007	·010	·002	·002	·008	·015	·080	·047
22	·038	·005	·001	·001	·001	·001	·002	·002	·002	·002	.	.	.	.	.	·018	·002	.	·040	·020	.	·020	·002	·003
23	·002	·002	·003	·073	·040	·005	·013	·002	·005	·030	·018	·042	·020	·002	·002	·002	·008	·006	.	.	.	.	.	.
24	·032	·063	·055	·072	·043	·065	·012	·028	·122	·123	·055	·038	·002	·002	·002	.	·002	·002	·030	·037	·043	·010	·002	.
25	.	.	·032	.	.	·001	·001	·001	.	.	.	.	.	·030	·010	·002	.	.	·008	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·020	·102	·005	·006	·005	·002	·002	·016	·016
27	·005	.	.	.	·005	·002	·001	.	.	.	.	.	·012	·038	·080	·123	·070	·020	.	.	.	.	.	·005
28	.	.	.	·010	·015	.	·005	.	.	.	.	·025	.	.	·010	.	·005	.	.	·008	·010	.	.	.
29	·002	·005	·025	·010	.	.	.	.	.	.	.	.	.	.	.	·005	·025	·035	·032	·018	·017	·018	·015	·020
30	·007	·053	·037	·088	·005	·005	·025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	·010	·012	·002	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
149	236	282	291	352	222	149	081	190	312	347	356	440	200	236	299	286	290	128	267	266	170	128	160	149
8	11	9										7	7	5	9	13	11	11	9	12	13	13	10	10	8

* Record defective or Instrument out of action. † Approximate.

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·247	·262	·292	·296	·298	·303	·293	·304	·315	·323	·319	·327	·333	·341	·351	·348	·348	·359	·363	·365	·361	·363	·358	·358
2	·356	·352	·352	·348	·334	·333	·337	·346	·345	·352	·354	·365	·364	·365	·364	·360	·345	·342	·345	·346	·348	·349	·354	·353
3	·354	·352	·345	·345	·352	·356	·356	·359	·346	·345	·353	·360	·368	·379	·385	·385	·381	·379	·380	·377	·369	·364	·358	·357
4	·358	·356	·349	·347	·339	·331	·328	·329	·327	·324	·325	·327	·332	·342	·349	·337	·331	·337	·345	·338	·345	·349	·357	·355
5	·360	·363	·361	·364	·365	·358	·363	·370	·374	·377	·388	·363	·349	·331	·339	·342	·333	·340	·329	·327	·321	·317	·312	·313
6	·297	·307	·284	·301	·292	·291	·268	·276	·272	·288	·291	·277	·289	·282	·249	·237	·243	·242	·226	·201	·209	·206	·209	·236
7	·258	·247	·239	·235	·212	·193	·207	·237	·204	·214	·220	·204	·231	·224	·221	·220	·230	·223	·214	·226	·241	·250	·236	·217
8	·213	·215	·218	·231	·235	·225	·225	·220	·215	·221	·225	·223	·230	·218	·224	·214	·226	·212	·205	·214	·206	·209	·209	·202
9	·211	·212	·188	·181	·182	·171	·170	·170	·172	·174	·177	·177	·176	·171	·177	·175	·171	·162	·158	·162	·158	·149	·156	·148
10	·155	·148	·150	·159	·157	·160	·160	·162	·167	·177	·179	·190	·196	·202	·213	·214	·218	·213	·213	·217	·213	·217	·216	·217
11	·220	·215	·240	·231	·221	·238	·237	·234	·232	·227	·236	·239	·251	·243	·263	·240	·251	·244	·240	·243	·234	·226	·225	·245
12	·246	·235	·257	·273	·269	·267	·260	·270	·267	·255	·251	·252	·253	·250	·259	·264	·274	·282	·298	·306	·310	·313	·311	·320
13	·332	·331	·324	·321	·314	·297	·311	·313	·317	·324	·328	·331	·333	·327	·345	·348	·335	·332	·337	·335	·338	·338	·340	·336
14	·337	·338	·335	·325	·307	·290	·296	·299	·309	·318	·329	·333	·334	·349	·341	·336	·341	·342	·342	·326	·335	·335	·333	·333
15	·315	·321	·318	·313	·306	·301	·284	·282	·283	·274	·278	·304	·313	·317	·327	·295	·295	·293	·292	·288	·276	·285	·282	·285
16	·299	·297	·303	·305	·306	·301	·297	·303	·305	·313	·307	·305	·308	·308	·320	·326	·331	·327	·328	·331	·331	·331	·329	·324
17	·322	·319	·325	·319	·315	·316	·314	·313	·313	·327	·327	·291	·297	·280	·257	·264	·265	·260	·252	·253	·253	·246	·247	·247
18	·243	·247	·261	·246	·255	·250	·248	·244	·244	·244	·255	·253	·258	·261	·261	·264	·270	·272	·269	·268	·265	·263	·280	·284
19	·298	·307	·316	·316	·317	·327	·326	·331	·327	·326	·332	·333	·332	·333	·335	·338	·350	·348	·343	·344	·353	·353	·325	·296
20	·288	·282	·267	·276	*	*	·305	·313	·319	·318	·325	·326	·330	·315	·319	·333	·326	·333	·341	·356	·359	·362	·370	·371
21	·368	·370	·371	·380	·377	·380	·379	·376	·380	·374	·367	·376	·379	·388	·396	·388	·390	·394	·397	·399	·402	·394	·373	·345
22	·356	·338	·339	·342	·344	·348	·338	·319	·313	·293	·302	·296	·312	·271	·296	·288	·275	·285	·313	·250	·220	·227	·218	·198
23	·194	·175	·184	·209	·199	·205	·191	·177	·199	·212	·200	·192	·235	·225	·211	·202	·210	·219	·202	·206	·227	·225	·235	·258
24	·272	·282	·294	·327	·324	·317	·327	·327	·335	·344	·334	·331	·376	·312	·310	·297	·272	·270	·276	·271	·267	·259	·266	·258
25	·241	·236	·221	·187	·194	·186	·176	·176	·178	·187	·184	·185	·197	·198	·194	·194	·195	·183	·185	·187	·174	·187	·184	·194
26	·195	·194	·197	·196	·204	·198	·210	*	·214	·215	·241	·274	·284	·292	·305	·300	·311	·344	·353	·359	·359	·351	·358	·355
27	·356	·352	·356	·356	·358	·360	·359	·337	·335	·334	·349	·347	·351	·350	·353	·315	·305	·264	·233	·216	·211	·207	·227	·246
28	·239	·215	·193	·196	·200	·176	·191	·169	·159	·177	·189	·194	·199	·191	·203	·186	·202	·208	·212	·214	·225	·224	·215	·208
29	·217	·216	·231	·228	·221	·225	·219	*	·230	·252	·261	·260	·266	·288	·289	·294	·296	·301	·307	·307	·308	·311	·318	·318
30	·318	·318	·317	·311	·306	·305	·300	·290	·278	·282	·292	·315	·312	·310	·308	·320	·320	·311	·306	·306	·308	·296	·310	·309
31	·317	·300	·288	·276	·272	·268	·255	·252	·264	·259	·266	·267	·270	·257	·262	·259	·263	·260	·259	·259	·244	·241	·220	·220
									8·538												8·770			

6·275   0·283

Meteorological Office,
116 Victoria Street, Westminster, S W
ROBERT H SCOTT. Secretary.

ARMAGH OBSERVATORY LAT. 54° 21′ N LONG. 6° 39′ W

HOURLY VALUES January 1878.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·019	30·007	29·991	29·969	29·950	29·932	29·923	29·917	29·906	29·895	29·895	29·884	29·866	29·865	29·849	29·817	29·843	29·861	29·874	29·898	29·920	29·919	29·925	29·955	1
2	29·989	30·008	30·033	30·037	30·053	30·066	30·072	30·080	30·092	30·113	30·112	30·099	30·080	30·065	30·047	30·024	30·009	·983	·972	·963	·955	·929	·898	·880	2
3	·852	29·848	29·842	29·836	29·823	29·806	29·789	29·784	29·779	29·758	29·738	29·711	29·695	29·679	29·662	29·653	29·643	·639	·641	·648	·660	·662	·666	·677	3
4	·695	·707	·733	·737	·749	·769	·789	·808	·824	·842	·864	·875	·883	·884	·895	·904	·911	·922	·924	·930	·938	·929	·916	·905	4
5	·909	·894	·888	·869	·848	·832	·824	·826	·824	·811	·819	·816	·796	·781	·780	·785	·788	·788	·792	·801	·803	·817	·821	·826	5
6	·837	·835	·839	·834	·816	·827	·816	·820	·815	·796	·785	·747	·716	·692	·666	·647	·626	·616	·590	·569	·534	·500	·483	·462	6
7	·435	·402	·387	·360	·336	·315	·316	·315	·320	·318	·309	·288	·266	29·257	29·271	29·306	29·357	29·419	29·467	29·525	29·571	29·605	29·639	29·671	7
8	29·699	29·729	29·764	29·795	29·816	29·839	29·872	29·910	29·942	29·963	29·976	29·987	29·995	30·013	30·030	30·053	30·064	30·077	30·091	30·109	30·120	30·134	30·131	30·142	8
9	30·148	30·163	30·168	30·165	30·161	30·161	30·169	30·186	30·191	30·202	30·204	30·200	30·200	·193	·194	·193	·195	·188	·190	·196	·198	·194	·188	·186	9
10	·190	·192	·188	·183	·176	·175	·176	·185	·194	·209	·212	·209	·206	·210	·225	·229	·236	·246	·252	·264	·274	·273	·284	·286	10
11	·289	·302	·301	·302	·302	·306	·315	·319	·335	·342	·354	·356	·353	·350	·352	·354	·357	·365	·364	·364	·365	·372	·386	·378	11
12	·374	·366	·368	·357	·338	·333	·317	·319	·314	·310	·295	·277	·253	·232	·217	·201	·187	·174	·152	·131	·089	·083	·091	·097	12
13	·112	30·116	30·127	30·130	30·118	30·122	30·135	30·143	30·151	30·162	30·165	30·157	30·146	30·149	30·154	30·152	30·149	30·149	30·149	·149	·145	·132	·103	·062	13
14	·024	29·993	29·981	29·983	29·985	29·980	29·987	29·973	29·978	29·977	29·980	29·971	29·957	29·955	29·958	29·966	29·981	29·977	29·995	·004	·015	·018	·020	·015	14
15	30·012	30·013	30·022	30·017	30·016	30·012	30·018	30·026	30·031	30·033	30·039	30·048	30·035	30·016	30·014	30·022	30·023	30·012	30·010	·009	·001	·005	·016	·009	15
16	29·989	29·987	29·985	29·966	29·952	29·941	29·946	29·957	29·972	29·998	·012	29·993	·007	·005	·033	·048	·084	·106	·116	·141	·155	·169	·172	·185	16
17	30·187	30·183	30·194	30·194	30·202	30·203	30·197	30·203	30·198	30·210	·214	30·210	·211	·210	·214	·219	·231	·240	·245	·252	·261	·268	·269	·268	17
18	·267	·270	·269	·264	·261	·252	·248	·252	·260	·268	↑ ·261	·260	30·254	30·243	30·244	30·237	30·239	30·235	30·233	30·226	30·219	30·218	30·216	30·207	18
19	30·198	30·174	30·160	30·136	30·120	30·105	30·089	30·082	30·071	30·060	30·036	30·007	29·980	29·954	29·933	29·907	29·896	29·878	29·853	29·830	29·809	29·803	29·787	29·780	19
20	29·762	29·761	29·775	29·804	29·832	29·843	29·848	29·857	29·864	29·862	29·875	29·852	·847	·796	·762	·709	·661	·593	·560	·536	·531	·510	·495	·461	20
21	·465	·454	·465	·469	·501	·542	·554	·548	·560	·541	·508	·469	·441	·426	·405	·395	·372	·369	·372	·392	·427	·521	·587	·640	21
22	·681	·686	·707	·718	·719	·712	·717	·713	·704	·700	·689	·661	·642	·613	·587	·556	·519	·477	·421	·349	·300	·332	·315	·331	22
23	·338	·361	·346	·337	·307	·279	·286	·287	·291	·315	·281	·288	·279	·255	·259	·262	·261	·281	·289	·332	·344	·345	·346	·361	23
24	·360	·361	·358	·351	·339	·325	·326	·330	·321	·316	·304	·269	·251	·248	·257	·265	·277	·295	·303	·298	·297	·279	·273	·273	24
25	·263	·247	·252	·320	·344	·352	·373	·404	·443	·470	·492	·526	·535	·531	·533	·544	·572	·596	·598	·652	·672	·694	·713	·741	25
26	·757	·772	·790	·811	·817	·823	·841	·843	·843	·844	·853	·842	·833	·827	·826	·822	·814	·792	·767	·754	·736	·715	·697	·681	26
27	·661	·644	·618	·605	·594	·582	·587	·578	·580	·573	·565	·544	·525	·501	·475	·469	·454	·453	·461	·465	·477	·482	·476	·471	27
28	·460	·453	·459	·461	·467	·474	·491	·503	·522	·555	·563	·574	·579	·593	·592	·601	·619	·630	·649	·655	·674	·696	·704	·722	28
29	·741	·778	·806	·827	·848	29·871	29·895	29·914	29·928	29·946	29·960	29·960	29·961	29·956	29·945	29·949	29·952	29·949	29·948	29·946	29·944	29·940	29·944	29·946	29
30	29·951	29·964	29·968	29·980	29·995	30·010	30·028	30·047	30·070	30·088	30·109	30·125	30·129	30·140	30·145	30·157	30·178	30·191	30·204	30·212	30·228	30·239	30·257	30·271	30
31	30·275	30·271	30·292	30·293	30·297	30·319	30·331	30·348	30·367	30·382	30·383	30·404	30·400	30·398	30·407	30·414	30·420	30·423	30·430	30·446	30·452	30·458	30·456	30·451	31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	40·8	40·5	40·1	40·0	40·1	40·0	40·0	40·0	40·2	41·4	42·4	42·6	42·9	43·0	43·7	43·9	44·0	44·2	44·1	44·0	44·1	43·9	43·0	43·0	1
2	43·5	43·2	42·6	41·8	39·7	38·9	38·7	37·7	36·8	37·8	40·0	42·7	42·5	43·6	44·3	44·9	45·4	45·9	46·8	46·7	48·0	48·2	48·8	49·0	2
3	48·9	48·9	48·9	48·9	48·6	48·3	48·5	48·5	48·6	48·8	49·0	49·0	49·0	48·8	48·7	48·4	48·2	48·1	48·0	47·9	47·9	47·7	47·4	47·4	3
4	47·1	47·1	47·1	47·2	47·0	47·2	47·0	47·0	46·9	46·9	47·0	47·5	47·5	46·9	46·4	46·4	46·5	46·4	46·4	46·1	46·4	46·6	46·9	46·4	4
5	46·8	47·0	46·6	47·0	46·9	46·8	46·8	47·0	47·0	47·2	47·9	48·0	48·2	49·0	49·0	48·5	47·1	46·9	47·2	47·2	47·3	47·1	47·0	46·1	5
6	45·9	45·2	44·0	43·8	43·2	43·3	43·0	43·3	43·1	43·3	43·7	43·0	44·2	43·9	42·7	42·1	41·3	40·1	39·3	39·2	38·4	38·4	38·0	37·4	6
7	37·1	36·9	36·8	37·3	37·7	38·0	37·6	37·3	37·7	37·6	40·0	39·3	39·9	39·6	41·0	41·5	40·0	39·6	38·7	38·3	38·6	38·2	38·0	37·9	7
8	38·8	38·7	38·6	38·1	38·1	38·2	37·1	37·2	37·1	37·1	38·4	40·0	40·4	40·4	40·5	38·9	38·3	38·8	38·4	35·9	34·1	34·4	34·4	34·9	8
9	35·1	35·0	34·9	34·0	34·0	34·3	34·6	35·0	35·2	35·7	36·7	37·4	38·6	38·8	38·8	38·8	37·9	37·1	36·9	36·9	37·1	37·0	36·9	36·0	9
10	36·0	35·9	36·0	35·9	36·1	36·0	35·9	36·1	35·3	36·6	37·0	37·8	38·5	38·9	38·7	38·1	37·9	37·2	37·3	37·2	36·9	36·9	36·5	36·4	10
11	36·3	36·1	33·5	32·1	31·0	30·2	30·2	30·5	31·4	33·4	35·2	35·9	37·8	38·6	38·6	38·4	38·3	37·6	38·2	38·5	38·8	38·6	38·0	38·0	11
12	38·2	38·1	37·9	38·0	39·3	39·0	37·7	35·9	36·4	37·8	38·7	40·0	40·6	40·9	41·4	42·0	42·4	42·3	41·9	41·7	42·3	43·3	44·0	43·3	12
13	42·8	41·4	40·0	39·1	39·3	38·3	38·0	38·7	39·2	39·8	40·9	41·8	43·3	43·3	43·8	43·4	43·1	43·2	43·1	42·6	42·1	42·7	43·7	45·2	13
14	46·0	46·0	47·0	47·7	47·9	48·0	48·2	48·0	48·0	47·9	48·3	48·8	49·3	49·8	49·8	49·8	49·4	49·1	48·7	48·8	48·5	48·5	48·9	48·8	14
15	49·0	49·1	49·4	49·3	49·0	48·9	49·0	48·9	48·8	48·3	48·0	48·0	47·9	48·2	48·7	48·8	48·8	49·0	49·0	48·3	47·9	47·9	48·1	48·3	15
16	48·9	48·4	48·3	48·3	48·5	48·1	48·3	49·1	49·9	50·0	50·0	50·0	50·0	49·5	48·8	48·6	46·6	45·9	44·5	45·0	44·9	42·9	43·8	43·8	16
17	43·0	40·2	41·0	41·7	42·2	42·4	42·9	43·0	44·4	45·9	47·5	48·0	49·5	50·0	50·0	49·3	48·0	47·7	47·6	47·2	47·1	47·0	45·6	44·7	17
18	43·1	42·5	41·9	40·6	40·8	39·1	38·8	38·6	39·2	40·9	42·4	43·4	44·5	45·0	44·5	43·9	42·9	43·0	42·0	42·5	42·2	41·2	40·6	40·4	18
19	40·3	39·4	39·8	39·9	39·9	39·9	40·5	41·0	41·7	42·1	43·8	45·0	45·9	46·9	47·0	47·0	47·3	47·9	47·9	47·8	47·6	47·9	48·1	47·9	19
20	47·5	47·0	46·1	44·1	43·0	42·0	41·0	40·9	42·5	43·9	45·0	45·5	45·9	45·0	45·1	45·3	46·9	47·0	48·0	49·0	49·2	49·7	51·2	52·1	20
21	51·8	52·8	53·2	52·3	51·9	47·0	46·0	44·6	44·6	44·4	44·0	44·7	51·1	51·9	52·0	52·0	52·2	52·7	52·5	52·6	52·3	47·9	43·4	41·8	21
22	41·0	41·1	40·5	37·9	37·4	36·0	35·3	34·8	34·2	35·3	37·8	39·5	40·9	39·7	39·9	39·9	40·0	40·0	41·8	42·7	44·2	40·9	40·0	38·9	22
23	38·6	36·4	35·0	35·0	35·0	34·8	35·3	35·6	36·0	35·0	35·5	37·9	35·3	37·6	36·4	36·9	35·0	34·7	35·0	33·8	34·4	33·8	33·9	34·8	23
24	34·0	34·0	34·2	34·8	35·0	34·9	35·5	35·8	36·3	37·1	38·0	38·1	39·0	38·9	38·6	37·6	37·6	37·0	34·9	35·5	35·2	34·9	35·2	35·3	24
25	35·0	33·8	33·0	31·7	30·9	31·2	30·9	29·9	28·1	28·0	28·3	29·6	31·7	32·9	34·1	34·9	35·1	35·4	35·3	36·0	36·1	36·5	36·9	34·9	25
26	34·5	33·7	33·1	34·4	34·6	34·2	34·0	34·9	34·9	35·3	36·9	37·7	38·1	38·3	37·3	37·0	36·8	36·7	36·9	37·0	37·2	37·7	38·0	38·9	26
27	39·7	40·4	41·1	41·4	42·3	42·8	43·6	43·8	44·9	45·9	46·6	46·9	47·3	47·2	47·8	47·5	47·4	47·3	46·1	45·0	43·2	42·1	41·5	40·3	27
28	39·2	37·7	37·7	38·1	38·1	37·2	36·8	35·0	34·6	35·9	37·0	37·6	39·3	38·1	38·4	38·8	36·3	35·2	35·0	34·7	35·0	35·7	34·9	34·9	28
29	34·8	34·5	34·9	33·8	33·0	33·7	33·2	32·9	33·0	35·1	37·1	39·5	40·6	40·0	39·7	39·4	38·6	37·3	37·7	38·1	38·8	38·5	38·1	38·7	29
30	38·6	38·1	38·6	37·7	37·2	36·5	36·0	37·2	35·6	38·4	39·5	42·0	43·8	44·7	43·3	42·9	40·1	38·9	37·9	37·5	37·7	37·0	36·9	37·3	30
31	37·4	36·8	34·7	33·6	34·0	34·1	32·6	32·5	31·9	32·7	36·8	36·7	36·3	38·4	38·9	38·2	36·7	35·2	34·4	32·8	32·7	32·8	32·3	32·2	31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
39·7	39·1	38·9	38·8	39·0	38·9	38·9	39·0	39·7	40·6	41·2	41·9	42·1	42·7	43·0	43·1	43·7	43·9	43·9	43·9	44·0	43·9	42·9	42·9	1
43·2	43·1	42·1	41·2	39·1	38·4	38·0	37·0	36·1	37·0	39·0	41·4	41·8	42·6	42·9	43·9	44·9	45·0	46·0	46·0	47·3	47·7	47·9	47·9	2
47·8	47·7	47·6	47·5	47·5	47·2	47·2	47·3	47·6	47·9	48·0	48·2	48·5	48·3	48·3	48·2	48·1	48·0	48·0	48·0	47·9	47·7	47·6	47·2	3
47·0	47·0	47·0	47·0	47·0	47·2	47·0	47·0	46·7	46·9	46·9	46·7	45·9	45·8	45·8	45·8	45·7	45·8	45·6	45·8	45·9	46·1	46·6	46·9	4
45·9	46·0	46·0	46·2	46·3	46·2	46·2	46·4	46·7	46·9	47·4	47·9	48·0	48·7	48·9	48·1	46·5	46·1	46·6	46·9	46·5	46·3	46·2	45·1	5
45·0	44·3	44·0	42·9	42·1	42·4	42·1	42·0	41·5	41·9	41·9	42·0	42·5	41·9	41·2	40·9	39·7	38·4	38·0	37·9	37·4	37·3	37·0	36·6	6
36·2	35·9	35·9	36·0	36·2	36·6	36·4	36·2	36·6	36·5	36·6	38·4	38·5	38·3	39·6	39·2	37·9	37·2	37·4	37·3	37·0	36·2	36·6	36·2	7
36·8	36·9	36·9	36·8	36·6	36·5	35·9	35·9	35·2	35·2	36·6	37·7	38·0	38·0	37·8	36·7	36·5	36·5	36·1	34·3	33·9	33·9	33·9	33·8	8
33·8	33·9	33·4	32·8	33·0	33·1	33·2	33·8	33·9	34·3	34·7	35·0	35·8	35·7	35·6	35·2	35·8	35·9	35·3	35·0	35·0	34·8	34·9	34·8	9
35·0	35·0	35·0	35·0	35·1	35·1	34·9	34·2	34·7	35·0	35·8	36·5	37·0	36·5	36·5	36·7	36·0	35·9	35·7	35·5	35·2	34·9	34·3	34·6	10
33·3	33·0	31·9	30·9	30·0	29·3	29·3	29·5	*	31·8	*	†33·8	35·2	36·0	36·2	35·9	35·9	35·5	35·6	35·7	35·9	35·8	35·5	35·7	11
35·9	35·7	35·6	35·5	36·0	36·0	34·9	34·0	34·0	35·7	36·7	37·9	39·0	39·0	39·2	39·6	39·9	39·8	40·0	40·0	40·7	41·6	42·6	42·9	12
42·2	41·1	39·3	38·0	38·3	37·1	36·8	37·2	37·9	38·0	39·0	39·9	41·1	41·2	41·9	41·9	41·8	41·7	41·4	40·7	40·6	41·4	43·4	45·0	13
45·8	46·0	46·8	47·7	47·9	47·9	48·1	48·0	47·9	47·9	47·9	48·3	49·0	49·4	49·4	49·4	49·1	48·9	48·1	48·0	47·9	47·9	48·1	48·3	14
49·0	49·1	49·4	49·3	49·0	48·9	49·0	48·9	48·8	48·3	48·0	48·0	47·9	48·2	48·7	48·8	48·8	49·0	49·0	48·3	48·0	47·9	47·6	47·0	15
47·0	46·6	46·5	46·6	46·9	47·3	47·9	48·9	49·0	49·3	49·2	49·9	49·8	48·3	46·8	45·1	45·1	43·9	42·9	43·2	42·8	41·3	42·0	41·9	16
41·7	39·4	40·1	40·9	41·3	41·9	42·2	42·9	44·2	45·9	47·4	48·2	49·0	48·9	48·8	47·9	47·0	46·8	46·9	46·6	46·3	46·1	44·7	43·9	17
42·7	41·9	41·0	40·2	40·6	38·7	38·2	38·0	38·3	39·9	41·0	41·9	42·9	43·3	43·2	42·6	41·7	41·5	40·9	41·0	40·9	39·8	38·3	38·3	18
38·5	37·6	37·6	37·8	37·8	37·9	38·4	39·0	39·8	40·5	41·9	43·2	44·0	44·9	46·2	45·7	46·0	46·0	46·0	46·1	46·3	46·7	46·9	46·9	19
46·8	46·7	45·9	43·2	42·0	41·2	40·2	40·2	42·0	42·8	43·9	44·9	44·1	43·2	43·7	44·0	44·5	44·9	45·0	44·0	44·5	45·1	49·7	50·7	20
50·8	51·5	51·8	51·5	51·2	46·5	45·7	44·2	44·4	44·2	43·9	44·5	51·0	51·4	51·3	51·4	51·6	51·7	51·8	51·9	50·7	46·7	41·7	40·0	21
39·2	39·9	38·9	38·7	38·6	35·5	34·9	33·3	33·7	34·7	36·5	38·3	39·0	39·0	39·0	38·2	37·9	38·8	40·6	41·9	43·0	43·9	43·0	42·9	22
36·7	35·6	34·1	33·9	33·4	33·4	34·0	34·5	35·0	34·4	34·3	36·1	34·2	35·9	34·5	34·8	33·3	33·2	33·0	32·9	33·0	32·7	33·0	33·2	23
33·3	33·2	33·3	33·8	33·9	33·9	34·2	34·7	34·6	35·2	36·2	36·6	36·6	36·7	36·7	35·9	35·4	35·1	33·9	34·0	33·9	33·7	33·9	34·0	24
33·2	32·2	*	*	30·3	30·6	30·6	28·2	26·5	26·0	27·5	28·4	29·9	30·8	*	†32·0	33·0	33·2	33·7	34·9	35·4	35·1	35·3	34·0	25
33·7	33·0	32·6	33·3	33·9	33·7	33·3	33·9	34·0	34·4	35·7	36·1	36·9	37·2	36·7	36·4	36·0	35·9	36·0	36·6	36·5	36·8	37·2	38·1	26
39·0	40·0	40·7	41·0	42·0	42·4	43·1	43·6	44·9	45·8	46·3	46·8	47·1	47·0	47·0	47·0	46·9	46·9	45·8	44·3	42·7	41·7	41·0	40·0	27
38·8	38·9	37·9	37·4	37·6	36·3	35·7	34·3	34·0	34·9	35·7	36·6	37·5	36·1	36·9	36·6	34·8	34·1	33·9	34·2	34·8	34·0	34·0	34·0	28
33·9	33·3	34·0	33·1	32·3	32·9	32·6	32·1	33·0	34·0	35·5	37·5	38·7	38·3	38·0	38·1	37·0	35·9	36·4	36·7	37·0	36·9	36·9	37·0	29
36·8	36·8	36·7	36·2	36·7	36·0	35·3	36·4	35·1	37·3	38·1	40·5	41·1	41·1	40·7	40·0	38·8	37·7	36·9	36·4	36·5	36·0	36·0	36·1	30
36·5	35·9	34·0	33·0	33·2	33·3	32·1	32·0	31·4	32·0	35·7	35·7	35·7	37·1	37·9	37·2	36·0	35·0	33·9	32·0	31·0	32·0	31·8	31·5	31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21′N. LONG: 6°39′ W.

HOURLY VALUES January 1878.

WIND DIRECTION IN NUMBERS { 8=E 24=W / 16=S 32=N } AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	17	11	16	12	16	14	16	14	16	13	16	14	16	14	16	14	16	14	16	14	17	14	17	13
2	23	3	23	3	23	1.5	23	3	23	2	21	5.5	20	4.5	20	4.5	20	4.5	20	3	20	4.5	19	7.5
3	18	29	18	21	18	25	18	20	18	16	19	14	18	13	18	18	19	20	18	20	18	20	18	18
4	19	2	19	2	19	3	19	3	19	2	19	1.5	19	2	19	1.5	19	3	19	2	18	5.5	10	7.5
5	14	4.5	14	8.5	16	9.5	15	10.5	16	12	17	10.5	17	13	17	11	17	12	17	9.5	18	11	20	10.5
6	25	9.5	25	12	24	12	24	10.5	24	12	24	9.5	24	7.5	24	8.5	22	9.5	23	8.5	20	12	21	11
7	22	13	23	13	23	10.5	24	15	23	14	23	13	24	13	25	15	26	13	24	13	25	17	26	13
8	32	12	1	12	1	10.5	1	10.5	1	10.5	1	14	1	9.5	1	6.5	1	7.5	1	6.5	32	11	1	14
9	32	4	32	3	32	2	32	2	32	3	32	3	32	2	32	3	32	3	32	3	32	3	32	3
10	32	3	32	2	32	2	32	3	32	3	32	2	32	2	32	2	32	2	32	3	32	3	32	3
11	32	6.5	32	5.5	32	3	32	4	32	4	32	4.5	32	4	32	4.5	32	4	32	5.5	26	5.5	23	4.5
12	17	6.5	17	5.5	17	6.5	17	7.5	17	9.5	17	9.5	17	10.5	17	13	17	18	17	13	17	14	18	13
13	24	10.5	23	6.5	21	8.5	20	10.5	19	11	19	12	19	12	20	14	20	15	19	13	20	17	20	14
14	19	22	19	22	20	21	21	17	22	14	21	12	21	15	20	17	21	18	21	18	20	19	20	17
15	21	12	21	12	22	12	22	12	21	13	22	14	23	15	23	14	22	16	21	16	21	17	21	12
16	20	19	20	18	20	18	20	16	21	18	21	19	21	14	23	15	24	15	24	15	24	16	24	16
17	24	5.5	23	5.5	23	4	23	4.5	23	4.5	23	4.5	20	5.5	20	5.5	20	6.5	21	7.5	21	7.5	23	9.5
18	21	8.5	21	6.5	20	9.5	19	9.5	19	6.5	19	7.5	19	6.5	19	6.5	19	5.5	19	5.5	19	7.5	19	5.5
19	17	8.5	17	9.5	17	11	17	10.5	17	12	17	11	17	14	17	17	16	18	16	19	16	23	16	22
20	17	15	17	8.5	23	8.5	25	10.5	24	7.5	20	8.5	19	9.5	19	7.5	19	12	18	14	18	19	17	19
21	19	34	19	37	20	35	20	32	23	21	25	6.5	23	5.5	25	3	25	3	26	4	8	7.5	8	4.5
22	30	9.5	30	4.5	30	4.5	30	3	30	3	30	3	30	3	30	2	30	4	30	2	30	2	30	3
23	21	20	21	18	21	17	20	19	20	22	20	24	21	25	21	23	21	24	21	16	20	19	21	19
24	25	24	25	15	25	14	26	11	24	13	25	11	24	9.5	24	11	25	12	25	9.5	25	6.5	23	6.5
25	26	18	26	18	27	19	31	13	31	8.5	28	10.5	29	14	29	17	29	19	29	12	27	16	27	14
26	26	8.5	26	6.5	26	4.5	19	6.5	26	6.5	25	5.5	22	5.5	18	5.5	18	4.5	18	8.5	18	6.5	18	6.5
27	17	7.5	17	12	17	15	17	15	17	17	17	14	17	12	17	11	18	11	18	10.5	18	14	18	13
28	21	8.5	20	6.5	21	9.5	21	8.5	21	8.5	22	6.5	23	8.5	22	7.5	22	6.5	21	5.5	22	6.5	21	12
29	20	13	19	6.5	23	5.5	23	5.5	23	4	23	5.5	23	4.5	21	6.5	19	6.5	19	8.5	18	9.5	19	7.5
30	15	7.5	15	7.5	14	7.5	14	4	11	4.5	11	3	11	4.5	11	4.5	11	3	11	4.5	10	3	10	4.5
31	16	1.5	16	4	16	2	16	4	16	3	16	3	16	3	16	3	16	2	16	3	16	3	16	3

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	17	11	17	11	17	12	17	13	17	10.5	18	9.5	18	9.5	19	7.5	21	7.5	22	8.5	21	6.5	22	7.5
2	16	9.5	16	10.5	16	14	16	16	16	18	16	15	16	19	17	18	17	14	17	15	18	25	18	25
3	19	14	18	13	19	9.5	19	8.5	19	8.5	19	7.5	19	4.5	19	4.5	19	4	19	2	19	3	19	3
4	10	7.5	9	8.5	9	7.5	9	4.5	9	6.5	10	6.5	12	6.5	11	6.5	12	6.5	12	7.5	13	7.5	14	5.5
5	20	5.5	20	9.5	20	8.5	22	6.5	22	9.5	21	9.5	21	10.5	22	8.5	23	10.5	24	9.5	24	10.5	25	11
6	21	14	23	13	21	13	23	16	24	16	25	11	23	14	23	13	24	15	21	15	21	14	21	13
7	27	15	28	13	30	21	31	16	1	16	1	14	1	17	1	14	1	12	1	13	1	11	1	11
8	1	14	1	10.5	32	7.5	32	6.5	1	8.5	32	7.5	32	6.5	32	4.5	32	4.5	32	5.5	32	3	32	4
9	32	3	32	4.5	32	4	32	4	32	3	32	3	32	3	32	2	32	4	32	3	32	3	32	1.5
10	32	3	32	4	32	3	32	3	32	3	32	3	32	3	32	4	32	2	32	4.5	32	4	32	4.5
11	23	4	20	6.5	20	8.5	19	8.5	19	5.5	19	6.5	18	10.5	18	12	17	9.5	17	11	17	10.5	17	7.5
12	19	13	19	16	18	16	17	18	17	17	17	16	17	21	18	23	18	30	18	25	19	24	20	14
13	21	17	21	18	21	17	21	16	21	17	20	17	20	15	20	16	20	16	20	10.5	19	12	19	19
14	20	16	21	16	22	13	23	11	23	13	23	14	23	13	23	11	22	12	21	13	21	14	21	12
15	20	14	23	16	22	15	22	13	22	13	22	14	22	16	21	16	22	16	23	18	22	18	20	16
16	27	12	26	11	27	12	26	10.5	27	7.5	29	10.5	25	7.5	22	9.5	24	9.5	24	6.5	23	9.5	24	6.5
17	24	10.5	24	12	24	10.5	24	10.5	24	10.5	24	10.5	24	6.5	24	7.5	23	6.5	23	7.5	24	6.5	24	7.5
18	19	7.5	19	7.5	18	7.5	18	6.5	18	6.5	18	8.5	18	6.5	18	8.5	18	8.5	18	10.5	18	8.5	18	7.5
19	16	24	17	22	17	25	16	21	17	21	17	20	17	22	17	24	17	22	17	23	17	22	17	20
20	18	21	16	18	17	21	16	23	17	27	17	31	18	36	18	39	19	36	19	28	19	30	19	33
21	20	22	20	25	20	24	20	29	19	32	20	31	20	27	20	24	22	24	25	13	30	13	30	11
22	30	4	23	5.5	20	8.5	19	10.5	17	11	17	16	17	18	18	23	19	26	20	19	20	21	20	19
23	23	19	20	24	23	20	23	19	23	23	23	23	25	27	25	20	24	21	25	25	24	23	27	17
24	25	11	25	9.5	25	7.5	25	7.5	25	8.5	25	11	25	8.5	25	12	24	10.5	24	9.5	23	12	24	13
25	26	11	25	16	27	21	27	24	26	24	26	23	26	22	28	14	27	11	28	10.5	29	7.5	26	7.5
26	18	6.5	20	8.5	20	7.5	20	7.5	19	9.5	16	9.5	15	11	16	17	16	20	15	16	15	12	15	7.5
27	18	13	19	15	18	15	18	14	18	14	19	12	23	7.5	24	9.5	26	9.5	26	5.5	25	4.5	23	6.5
28	21	14	24	11	21	9.5	22	13	22	10.5	21	11	20	9.5	20	11	20	12	21	12	21	13	21	14
29	18	9.5	20	7.5	20	8.5	20	6.5	20	5.5	19	8.5	18	8.5	17	8.5	17	8.5	16	11	16	9.5	15	10.5
30	13	6.5	16	6.5	16	4.5	16	5.5	16	3	16	3	16	4	16	4	16	3	16	2	16	1.5	16	3
31	16	3	16	4	16	2	16	3	16	2	16	3	16	2	16	3	16	3	16	4	16	4	16	4

RAINFALL GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·	·	·030	·010
4	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·040	·020	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·	·	·	·
7	·	·020	·	·	·	·	·	·010	·010	·	·	·090
8	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·
11	·	·	·	·	·	·	·	·	·	·	·	·
12	·	·	·	·	·	·	·	·	·	·	·	·
13	·010	·	·	·005	·	·	·	·	·	~~·010~~	·	·
14	·	·010	·010	·010	·	·010	·030	·	·	·010	·	·
15	·030	·010	·010	·020	·030	·	·	·	·	·	·	·
16	·	·	·	·	·	·	·	·020	·020	·010	·	·
17	·	·	·	·	·	·	·	·	·	·010	·	·
18	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·	·	·	·	·
20	·020	·010	·030	·	·	·	·	·	·	·	·	·
21	·	·	·	·020	·030	·080	·080	·100	·060	·030	·060	·080
22	·	·	·	·	·	·	·	·	·	~~·010~~	·	·
23	·	·020	·010	·010	·	·	·	·020	·	·030	·	·
24	·	·	·	·	·	·	·	·	·020	·030	·020	·
25	·	·	·	·	·	·	·	·	·	·	·	·040
26	·	·	·	·	·	·	·	·	·	·	·010	·
27	·060	·050	·040	·050	·060	·020	·	·	·	·	·020	·040
28	·	·	·	·	·	·	·	·	·	~~·010~~	·	·
29	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·
31	·	·	·	·	·	·	·	·	·	·	·	·
105 / 5	120 / 4	120 / 6	100 / 5	115 / 6	120 / 3	150 / 4	130 / 3	150 / 4	110 / 4	120 / 6	140 / 5	260 / 5

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·040	·060	·040	·	·	·	·	·010	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·
3	·010	·040	·050	·020	·020	·030	·040	·030	·030	·010	·100	·
4	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·010	·	·	·	·	·	·	·	·	·
6	·	·010	·010	·	·010	·	·	·010	·	·	·020	·
7	·060	·010	·010	·	·	·	·020	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·
11	·	·	·	·	·	·	·	·	·	·	·	·
12	·	·	·	·	·	·	·	~~·010~~	·005	·	·	·005 ~~·010~~
13	·	·	·	·	·	·	·	·	·	·	·030	·040
14	·	·	·010	·020	·040	·	·	·	·	·	·010	·020
15	·	·	·	·	·	·	·	·	·	·	·	·
16	·	·	·	·	·	·	·	·	·	·	·	·
17	·	·	·	·	·	·	·	·	·	·	·	·
18	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·	·	·	·010	·020
20	·	·	·	·	·	·	·	·	·	·	·	·
21	·120	·040	·030	·060	·070	·	·	·	·	·	·	·
22	·	·	·	·	·	·	·	·	·030	·010	·	·
23	·010	·010	·	·	·	·	·	·	·	·	·	·
24	·	·	·	·	·	·	·	·	·	·	·	·
25	·060	·020	·	·	·	·	·	·010	·010	·	·	·
26	·	·	·	·030	·020	·010	·010	·010	·020	·020	·030	·020
27	·020	·	·	·020	·040	·040	·050	·	·010	·	·	·
28	·	·	·010	·	·	·	·	·	·	·020	·010	·
29	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·
31	·	·	·	·	·	·	·	·	·	·	·	·
	320 / 7	190 / 7	170 / 8	150 / 5	200 / 6	080 / 3	120 / 4	170 / 5	105 / 6	060 / 4	210 / 7	105 / 5

* Record defective or Instrument out of action. ** Obtained from reading of Standard

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	·231	·223	·223	·222	·225	·224	·224	·226	·239	·244	·245	·258
2	·276	·277	·262	·251	·232	·227	·221	·212	·204	·210	·226	·246
3	·318	·316	·313	·311	·311	·307	·311	·311	·319	·325	·325	·327
4	·322	·322	·322	·320	·323	·325	·323	·323	·317	·322	·321	·314
5	·299	·298	·303	·303	·307	·306	·306	·308	·316	·318	·320	·332
6	·288	·280	·276	·265	·255	·260	·257	·252	·244	·250	·245	·255
7	·203	·199	·203	·197	·197	·201	·201	·201	·204	·201	·218	·223
8	·197	·200	·201	·200	·200	·197	·197	·196	·185	·185	·197	·202
9	·179	·182	·173	·172	·176	·174	·173	·180	·180	·183	·180	·178
10	·193	·194	·193	·194	·194	·195	·192	·187	·195	·193	·196	·201
11	·160	·157	·160	·154	·148	·145	·145	·146	152 *	†·159	*	†·173
12	·186	·184	·184	·182	·178	·181	·174	·176	·171	·187	·197	·205
13	·261	·254	·232	·217	·221	·207	·204	·206	·214	·209	·216	·225
14	·306	·311	·318	·331	·333	·332	·335	·335	·332	·333	·328	·333
15	·345	·345	·348	·345	·340	·340	·337	·336	·336	·327	·321	·313
16	·299	·295	·294	·296	·301	·316	·328	·344	·335	·342	·339	·347
17	·249	·232	·237	·247	·250	·260	·260	·275	·288	·310	·326	·333
18	·269	·259	·246	·244	·250	·231	·224	·222	·222	·234	·241	·249
19	·214	·206	·202	·204	·204	·206	·210	·215	·224	·234	·244	·257
20	·311	·316	·308	·269	·255	·249	·239	·240	·261	·262	·273	·276
21	·359	·364	·366	·371	·367	·311	·304	·285	·290	·288	·286	·291
22	·219	·232	·219	·204	·208	·203	·199	·182	·188	·195	·205	·219
23	·198	·200	·186	·182	·172	·174	·181	·188	·193	·192	·185	·193
24	·182	·180	·180	·182	·182	·183	·184	·190	·183	·185	·194	·200
25	·168	·162	*	*	·157	·161	·165	·123	·109	·097	·132	·132
26	·184	·180	·179	·177	·184	·188	·182	·183	·185	·189	·196	·195
27	·230	·242	·249	·252	·263	·266	·272	·281	·298	·307	·311	·319
28	·232	·210	·212	·215	·219	·204	·197	·190	·189	·192	·195	·196
29	·184	·176	·185	·180	·173	·175	·178	·170	·177	·183	·190	·204
30	·199	·203	·198	·197	·205	·206	·199	·206	·199	·210	·215	·235
31	·206	·200	·188	·181	·180	·181	·172	·175	·169	·172	·197	·198
									7·118 / 0·230			

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·258	·270	·269	·268	·281	·283	·285	·286	·287	·287	·275	·275
2	·257	·261	·259	·274	·292	·288	·301	·302	·317	·325	·322	·320
3	·335	·330	·333	·331	·333	·332	·334	·335	·333	·328	·329	·322
4	·309	·297	·301	·301	·300	·299	·301	·300	·301	·303	·297	·296
5	·332	·340	·345	·332	·310	·302	·310	·318	·307	·305	·303	·288
6	·253	·243	·241	·242	·226	·214	·215	·214	·206	·210	·208	·208
7	·218	·217	·227	·215	·205	·197	·217	·211	·203	·192	·201	·195
8	·203	·203	·198	·195	·196	·192	·188	·181	·175	·171	·171	·171
9	·182	·178	·180	·186	·185	·187	·196	·197	·187	·183	·193	·192
10	·204	·191	·193	·202	·191	·196	·192	·189	·187	·181	·175	·171
11	·178	·185	·189	·184	·185	·186	·181	·181	·181	·182	·182	·185
12	·219	·216	·216	·218	·219	·218	·226	·228	·236	·244	·257	·271
13	·233	·235	·244	·249	·250	·247	·241	·232	·236	·246	·278	·297
14	·344	·348	·348	·345	·344	·329	·325	·326	·326	·326	·333	·343
15	·310	·312	·320	·327	·326	·330	·331	·318	·310	·307	·307	·298
16	·329	·324	·296	·278	·282	·245	·257	·257	·250	·241	·246	·244
17	·337	·332	·329	·316	·309	·308	·313	·310	·305	·301	·285	·277
18	·257	·260	·264	·258	·250	·245	·243	·240	·241	·229	·206	·209
19	·266	·274	·280	·291	·294	·286	·286	·290	·298	·303	·306	·308
20	·268	·273	·267	·272	·265	·251	·243	·257	·296	·316	·338	·357
21	·373	·373	·369	·372	·374	·370	·376	·377	·349	·303	·245	·227
22	·216	·230	·227	·212	·205	·222	·239	·257	·263	·224	·224	·206
23	·185	·192	·180	·180	·170	·172	·164	·176	·171	·172	·177	·170
24	·192	·195	·198	·192	·191	·184	·183	·180	·180	·179	·182	·178
25	·138	·145	*	†·149	·163	·165	·176	·191	·200	·190	·188	·185
26	·205	·209	·211	·208	·202	·202	·201	·200	·208	·208	·212	·221
27	·322	·320	·312	·316	·315	·317	·305	·282	·268	·259	·251	·243
28	·206	·191	·202	·194	·186	·184	·186	·186	·188	·192	·185	·185
29	·214	·213	·210	·216	·203	·195	·200	·202	·204	·202	·205	·202
30	·228	·219	·225	·216	·221	·213	·207	·203	·202	·200	·201	·199
31	·203	·266	·217	·210	·204	·202	·189	·170	·170	·170	·173	·170
								7·585 / 0·245				

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG. 4°18′ W

HOURLY VALUES January 1878.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	29·979	29·977	29·975	29·953	29·935	29·925	29·923	29·913	29·913	29·905	29·887	29·883	29·858	29·836	29·826	29·796	29·790	29·794	29·797	29·842	29·792	29·798	29·830	29·858	1
2	·903	·939	·964	·980	·992	30·020	30·036	30·055	30·060	30·085	30·067	30·089	30·071	30·071	30·061	30·041	30·035	30·025	30·001	·991	·984	·943	·919	·885	2
3	·837	·826	·805	·774	·763	29·727	29·717	29·727	29·709	29·705	29·704	29·688	29·661	29·659	29·652	29·650	29·638	29·636	29·640	·641	·642	·652	·660	·675	3
4	·692	·724	·752	·790	·803	·828	·852	·869	·904	·932	·941	·937	·945	·947	·955	·961	·967	·971	·981	·983	·971	·974	·974	·965	4
5	·951	·937	·931	·917	·899	·881	·855	·853	·849	·828	·822	·794	·768	·746	·734	·720	·712	·708	·702	·696	·694	·688	·676	·668	5
6	·676	·684	·680	·686	·680	·684	·678	·679	·659	·637	·606	·588	·544	·518	·503	·474	·456	·416	·402	·375	·354	·308	·290	·264	6
7	·236	·212	·191	·164	·130	·122	·102	·102	·096	·088	·088	·107	·141	·191	·251	29·318	29·367	29·423	29·475	29·518	29·563	29·593	29·631	29·655	7
8	29·695	29·725	29·759	29·785	29·816	29·835	29·866	29·897	29·923	29·941	29·943	29·948	29·968	29·984	29·992	30·022	30·030	30·046	30·065	30·092	30·100	30·090	30·100	30·102	8
9	30·116	30·122	30·130	30·138	30·132	30·142	30·144	30·154	30·158	30·164	30·172	30·163	30·153	30·150	30·141	·149	·147	·144	·147	·143	·143	·137	·135	·137	9
10	·133	·139	·135	·135	·138	·133	·137	·147	·160	·169	·181	·181	·176	·183	·193	·207	·217	·223	·231	·249	·261	·267	·269	·277	10
11	·281	·293	·310	·309	·303	·311	·311	·313	·327	·337	·328	·324	·320	·319	·322	·326	·328	·328	·334	·336	·340	·338	·338	·342	11
12	·337	·334	·332	·321	·318	·312	·296	·294	·300	·286	·290	·260	30·232	30·204	30·180	·162	30·138	·120	30·099	30·078	30·062	30·037	30·022	30·014	12
13	30·014	30·026	30·028	30·022	30·010	30·018	30·022	30·022	30·020	30·022	30·018	30·010	29·990	29·992	29·998	30·006	29·998	30·000	29·988	29·990	29·988	29·980	29·976	29·953	13
14	29·936	29·919	29·882	29·848	29·840	29·836	29·850	29·861	29·874	29·890	29·898	29·893	·880	·885	·886	29·894	·896	29·911	·912	·926	·934	·936	·940	·941	14
15	·934	·929	·926	·918	·900	·888	·875	·868	·874	·874	·873	·862	·856	·849	·839	·827	·815	·819	·819	·823	·823	29·823	29·798	29·788	15
16	29·779	29·767	29·757	29·749	29·733	29·735	29·735	29·764	29·779	29·809	29·830	29·835	29·848	29·852	29·880	29·920	29·932	29·915	29·962	29·983	29·988	30·018	30·020	30·050	16
17	30·056	30·061	30·062	30·088	30·096	30·112	30·098	30·130	30·144	30·158	30·167	30·171	30·169	30·171	30·173	30·183	30·191	30·205	30·207	30·211	30·215	·221	·223	·219	17
18	·207	·209	·199	·193	·185	·187	·185	·195	·205	·209	·210	·218	·208	30·200	30·206	30·208	30·210	30·214	30·208	30·204	30·206	30·198	30·197	30·189	18
19	30·182	30·174	30·158	30·136	30·127	30·112	30·104	30·100	30·098	30·088	30·082	30·064	30·032	29·998	29·968	29·948	29·930	29·907	29·879	29·866	29·844	29·822	29·794	29·788	19
20	29·766	29·748	29·730	29·726	29·720	29·730	29·754	29·778	29·798	29·824	29·817	29·804	29·787	·767	·741	·711	·669	·607	·529	·463	·413	·377	·335	·309	20
21	·283	·321	·331	·381	·412	·445	·473	·507	·539	·543	·550	·532	·518	·492	·464	·442	·406	·367	·342	·372	·412	·470	·502	·558	21
22	·590	·630	·662	·678	·685	·694	·698	·714	·720	·712	·692	·670	29·632	29·580	29·554	29·510	29·478	29·446	29·394	·348	·258	·207	·152	·130	22
23	·116	·106	·112	·098	·098	·068	·066	·044	·022	·002	·023	·007	28·983	28·951	28·943	28·935	28·953	28·973	28·993	·023	·033	·039	·015	·024	23
24	·033	·057	·077	·095	·112	·119	·125	·139	·153	·158	·176	·160	29·146	29·151	29·151	29·158	29·160	29·174	29·168	·164	·144	·120	·102	·080	24
25	·090	·132	·176	·204	·192	·200	·232	·262	·268	·264	·258	·232	·208	·198	·226	·280	·318	·372	·425	·476	·522	·568	·588	·618	25
26	·648	·676	·690	·718	·726	·760	·764	·794	·798	·814	·823	·806	·805	·807	·803	·809	·811	·809	·799	·797	·791	·789	·781	·775	26
27	·765	·755	·735	·719	·709	·695	·673	·669	·659	·649	·629	·601	·577	·553	·535	·507	·487	·475	·447	·423	·403	·389	·381	·373	27
28	·369	·367	·365	·355	·347	·340	·351	·367	·381	·407	·434	·446	·452	·467	·481	·491	·511	·531	·540	·555	·575	·595	·611	·631	28
29	·645	29·672	29·693	29·722	29·742	29·773	29·797	29·821	29·847	29·869	29·886	29·902	29·901	29·907	29·911	29·923	29·933	29·945	29·951	29·961	29·962	29·973	29·977	29·989	29
30	29·999	30·013	30·034	30·037	30·047	30·067	30·077	30·097	30·111	30·126	30·133	30·135	30·144	30·149	30·157	30·167	30·183	30·195	30·203	30·223	30·231	30·239	30·251	30·257	30
31	30·269	30·271	30·277	30·299	30·299	30·311	30·327	30·337	30·355	30·376	30·383	30·379	30·373	30·376	30·379	30·383	30·389	30·401	30·407	30·413	30·413	30·413	30·413	30·405	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	40·7	41·5	40·6	40·5	40·3	40·6	41·1	41·2	40·9	41·3	42·2	43·2	43·7	43·4	43·2	42·5	43·4	43·5	43·9	43·9	44·3	45·6	43·9	42·5	1
2	41·2	39·9	38·8	39·5	38·3	37·6	37·0	37·1	36·5	36·5	38·9	38·7	39·9	40·9	40·0	39·5	40·2	39·9	41·7	42·8	42·2	42·7	44·9	46·4	2
3	47·0	47·8	48·5	48·9	48·9	48·8	48·7	48·9	48·5	48·3	48·5	48·1	48·5	48·5	48·3	47·9	47·9	48·0	47·8	47·5	47·2	47·0	46·7	46·6	3
4	46·8	46·9	46·7	45·9	44·5	43·8	43·3	42·7	42·5	42·0	41·9	41·9	41·9	41·7	41·8	41·1	41·0	40·1	40·3	40·3	40·3	39·9	39·9	40·0	4
5	40·0	39·9	39·8	39·7	39·7	39·8	40·6	40·9	41·3	43·5	44·0	44·7	45·5	46·0	46·3	46·6	46·2	46·3	46·6	46·3	46·0	46·4	46·5	45·8	5
6	45·8	44·7	44·2	43·9	43·6	42·9	42·7	42·6	42·7	41·4	43·3	43·2	43·2	41·8	41·9	39·0	37·2	37·9	38·1	38·1	36·5	36·7	36·1	37·1	6
7	37·1	37·2	36·9	36·6	36·9	37·0	36·9	38·0	38·1	38·3	39·2	40·5	40·0	40·0	40·5	39·1	38·6	39·2	39·5	40·5	40·1	39·9	40·0	39·7	7
8	38·8	38·9	39·6	39·9	39·7	39·3	38·6	39·3	39·1	39·2	39·4	39·3	39·9	39·8	38·9	38·3	38·3	38·4	38·9	38·1	38·1	37·8	37·8	37·3	8
9	37·2	36·2	36·3	36·5	36·5	36·7	36·1	36·1	36·3	36·2	36·3	37·0	37·7	37·6	36·3	35·4	34·5	32·1	30·9	30·0	29·4	29·6	28·6	28·0	9
10	28·3	28·3	27·9	27·8	27·4	27·0	26·1	26·1	26·5	26·3	26·3	28·5	28·4	30·1	30·4	29·6	29·3	28·8	29·0	29·3	30·7	31·9	28·9	27·4	10
11	27·9	26·8	27·6	26·4	26·3	25·6	26·1	22·8	25·9	27·2	29·5	31·2	31·2	32·0	33·1	32·5	33·9	33·0	33·5	34·0	33·4	34·2	33·5	34·1	11
12	34·0	34·9	34·2	35·0	35·8	35·9	35·8	36·9	37·6	37·9	38·4	38·9	39·5	39·8	40·8	40·9	40·8	41·2	41·3	40·7	40·4	41·0	41·9	42·3	12
13	41·9	40·6	40·5	40·9	40·8	40·5	40·9	40·8	41·1	41·5	42·1	42·8	43·6	43·6	43·9	43·7	43·9	43·8	44·0	44·1	43·9	44·2	44·0	44·2	13
14	44·2	43·2	43·7	44·0	44·9	45·0	44·9	44·0	45·0	44·9	45·0	45·7	45·9	46·0	45·5	45·0	44·2	43·6	43·3	43·0	43·2	43·0	42·8	42·7	14
15	42·0	42·0	41·9	41·9	41·5	41·4	42·0	43·7	46·1	47·6	48·8	49·1	49·0	48·8	48·8	48·9	48·9	48·8	48·2	49·5	49·6	49·3	49·1	49·1	15
16	48·8	48·9	48·8	48·7	48·8	48·8	49·1	49·2	47·0	46·6	47·3	47·4	47·0	45·9	46·2	45·1	44·5	44·0	43·6	43·9	43·8	43·7	44·1	44·0	16
17	42·8	43·3	42·8	42·2	41·6	42·0	41·9	40·4	39·7	40·7	42·6	43·0	44·0	44·2	42·9	42·5	41·5	41·0	39·5	38·6	38·9	39·7	39·9	38·8	17
18	38·7	38·7	39·9	40·1	40·6	40·9	41·5	42·4	43·4	44·0	44·1	45·9	46·4	47·2	47·3	44·7	43·9	42·6	42·0	41·9	41·8	41·9	41·4	42·5	18
19	42·2	41·9	42·1	41·5	41·6	41·5	41·7	42·0	41·6	41·0	41·6	41·4	42·3	44·2	44·6	45·0	44·8	45·1	45·7	46·2	47·1	47·1	47·0	46·9	19
20	47·0	47·1	47·3	47·1	45·8	43·6	42·3	41·9	41·8	42·7	43·9	44·4	44·3	45·0	45·4	45·2	44·9	44·5	44·9	45·2	46·1	46·6	47·5	48·6	20
21	49·1	47·1	46·6	44·2	43·2	43·5	43·0	42·1	41·7	41·0	40·0	39·0	38·2	38·0	37·6	36·5	36·0	35·7	34·8	34·7	34·0	33·2	34·5	34·6	21
22	34·5	33·8	33·2	32·7	32·1	32·2	31·8	31·7	31·2	30·8	31·5	33·2	31·9	34·9	36·5	35·8	35·9	36·4	36·3	36·8	37·3	37·9	36·9	37·6	22
23	39·5	37·0	36·9	36·8	37·7	37·7	33·6	32·7	32·8	36·8	36·9	36·2	35·9	34·4	36·2	35·4	34·4	35·9	36·4	35·9	35·9	36·4	36·0	35·9	23
24	37·5	36·2	34·9	35·3	34·9	33·2	33·1	33·8	32·9	33·6	34·2	34·7	33·6	33·5	32·9	33·0	32·6	32·6	32·0	31·1	31·1	31·1	31·1	31·1	24
25	27·9	26·9	27·0	25·6	24·3	24·6	25·4	24·0	23·8	26·3	27·9	30·1	33·3	37·2	39·1	39·7	39·9	40·1	36·9	38·8	38·2	36·5	38·8	37·9	25
26	39·2	40·0	39·5	36·8	35·2	37·0	36·0	33·4	35·6	34·5	36·2	37·3	38·0	38·9	39·0	36·9	36·5	36·5	36·2	35·4	35·0	34·9	36·0	37·0	26
27	37·2	36·4	36·8	37·2	37·5	36·9	38·1	37·9	37·9	35·4	36·1	35·3	35·9	35·5	35·9	36·4	36·0	37·0	39·1	39·2	39·9	40·1	40·8	40·9	27
28	39·8	38·8	38·9	37·9	36·9	37·8	37·8	37·0	36·0	36·8	37·0	39·0	39·2	38·1	38·9	38·1	36·9	36·1	34·0	34·3	34·6	34·5	34·8	34·7	28
29	34·9	34·0	33·9	34·0	33·8	34·1	33·0	33·5	33·7	34·2	35·8	37·2	38·3	38·7	39·3	38·3	38·1	37·5	36·4	35·0	34·7	33·0	32·7	32·2	29
30	32·3	31·9	31·1	31·5	31·5	30·2	30·2	29·8	30·3	30·4	30·1	32·3	35·9	36·2	35·9	36·1	36·1	35·9	35·8	34·5	33·9	34·1	34·1	33·4	30
31	33·1	32·3	32·1	31·6	32·1	31·9	32·1	32·0	32·0	31·8	32·2	32·3	34·8	37·3	38·5	38·2	36·7	36·8	35·9	35·9	36·1	35·5	35·0	35·5	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
39·8	40·2	39·6	39·5	39·3	39·5	39·9	39·5	39·1	39·7	40·5	41·3	41·8	41·9	42·2	41·5	42·3	42·4	42·6	42·6	42·8	43·2	41·3	40·6	1
39·5	38·0	37·0	37·5	36·6	36·0	35·3	35·3	35·1	35·0	36·8	36·9	38·8	38·0	37·6	37·5	37·4	39·3	40·5	41·0	42·0	44·0	46·5	45·7	2
46·3	46·9	47·3	47·4	47·2	47·2	47·1	47·1	47·0	46·9	46·9	46·9	47·3	47·3	47·3	47·1	47·2	47·3	47·1	46·9	46·8	46·5	46·2	46·3	3
46·3	46·5	46·2	44·7	42·9	42·2	41·5	41·0	40·9	40·5	40·5	40·4	40·1	39·9	39·9	39·4	39·2	38·9	39·0	39·1	39·0	39·0	39·0	39·1	4
39·2	39·2	39·3	39·2	39·2	39·3	40·0	40·3	40·9	42·9	43·2	44·0	44·9	45·3	45·7	45·9	45·8	45·8	45·5	44·9	45·5	45·7	45·5	45·1	5
44·1	42·9	42·1	41·7	41·2	39·1	39·3	39·8	39·7	39·1	40·0	40·9	40·9	39·2	39·5	37·6	36·4	36·9	36·7	36·6	35·7	35·6	35·1	36·0	6
35·9	35·8	35·7	35·4	35·7	36·0	35·7	36·4	36·8	36·9	37·6	37·9	37·6	36·9	36·9	36·7	35·8	35·9	35·8	36·6	36·6	36·6	36·4	36·2	7
35·8	35·8	36·3	36·5	35·9	35·3	34·9	35·3	35·8	35·9	36·1	35·9	35·8	35·2	35·1	34·9	34·7	34·5	34·1	33·9	33·6	33·4	33·6	33·3	8
33·4	33·0	32·9	32·8	32·8	32·5	32·4	32·4	32·6	32·3	32·8	32·8	33·2	33·2	33·2	32·5	31·9	30·3	29·5	28·7	28·2	28·3	27·6	27·1	9
27·3	27·3	27·0	26·9	26·5	26·2	25·7	25·8	26·0	26·0	25·9	27·8	27·7	29·0	29·1	28·8	28·4	28·0	28·2	28·4	29·7	30·2	28·3	27·1	10
27·7	26·5	27·3	26·2	26·0	25·5	25·9	22·8	25·9	27·0	29·0	30·8	30·7	31·2	31·8	31·1	...	...	...	*	...	...	...	32·6	11
32·9	33·7	33·5	34·0	34·7	34·9	34·8	35·8	36·1	35·5	36·1	36·6	36·5	36·9	38·7	38·9	39·0	39·2	39·4	39·2	39·7	40·1	40·9	41·5	12
40·8	39·2	38·7	38·6	38·9	38·5	39·4	39·7	39·9	40·0	40·8	40·8	40·9	41·0	41·0	41·3	41·6	41·8	41·6	41·9	41·9	42·0	41·7	42·0	13
41·9	42·0	42·8	42·9	43·7	43·9	43·8	41·9	42·5	42·3	43·1	43·8	44·1	44·0	43·5	43·0	42·8	42·7	42·3	42·6	42·9	42·1	42·2	42·2	14
41·6	41·5	41·5	41·4	41·0	41·0	41·6	43·0	45·9	46·9	47·8	47·9	48·1	47·9	47·9	47·8	48·0	48·0	48·3	48·6	48·6	48·4	48·1	47·9	15
47·8	47·4	47·6	47·4	47·6	47·7	47·9	47·7	45·0	43·8	44·0	43·2	43·5	42·8	41·2	41·5	40·9	40·3	40·0	40·7	40·9	40·7	40·9	40·1	16
39·8	40·9	40·7	40·0	39·8	40·1	39·5	38·8	38·0	38·9	40·2	40·5	40·8	40·9	39·9	40·1	39·9	39·3	38·1	37·2	37·6	38·0	38·1	37·6	17
37·9	38·0	39·3	39·7	40·0	40·5	41·0	41·9	42·9	43·7	43·9	44·9	45·4	45·1	45·0	42·9	41·8	41·7	41·2	41·2	41·0	41·2	40·8	41·1	18
40·7	40·4	40·5	40·0	40·1	40·1	39·9	39·8	39·5	38·9	39·0	39·6	41·0	42·8	42·8	43·1	43·9	44·3	44·8	45·0	45·5	45·8	45·7	45·8	19
46·0	46·0	46·0	45·8	44·0	41·8	40·9	40·0	40·2	40·8	42·2	42·6	42·8	43·3	43·9	43·9	43·7	43·0	43·3	43·0	44·3	45·0	46·7	47·9	20
48·4	46·6	45·9	42·3	42·0	42·2	42·0	40·5	39·2	38·9	38·3	37·9	37·2	35·1	34·0	34·0	35·1	34·2	34·3	33·9	33·4	34·0	33·9	33·9	21
33·8	33·0	32·6	32·0	31·4	31·1	30·9	31·1	*	30·6	*	*	31·9	32·4	34·1	34·1	34·7	35·0	35·2	35·2	35·8	37·2	36·0	36·8	22
36·9	35·7	34·9	34·3	34·3	32·7	32·7	32·6	32·7	34·7	35·0	34·9	34·5	34·1	34·5	34·6	34·1	34·6	34·8	35·4	33·8	34·1	34·1	34·8	23
35·9	34·8	33·7	33·0	32·9	...	*	...	31·3	31·3	31·5	...	...	...	...	*	*	...	...	...	...	31·1	31·1	31·0	24
26·6	25·6	25·3	23·9	23·0	22·8	22·8	22·1	21·8	23·3	25·0	27·9	31·5	32·2	33·6	35·9	35·1	34·9	33·8	34·8	34·6	33·8	34·9	34·5	25
34·9	35·2	34·8	33·5	32·8	33·9	32·2	32·0	32·9	32·9	33·9	34·9	35·1	35·9	36·1	34·4	34·4	34·3	34·1	33·3	33·0	33·0	34·2	34·9	26
34·9	34·2	34·2	34·9	35·5	35·9	36·1	36·1	36·1	34·6	35·3	34·5	35·1	35·0	35·6	35·9	35·8	36·5	36·5	37·2	36·0	38·9	39·0	39·9	27
39·1	38·4	38·4	37·3	36·0	36·9	36·9	36·1	35·0	35·2	35·5	36·0	35·8	36·0	35·6	35·2	34·6	34·1	33·6	33·6	33·9	33·7	33·8	33·0	28
34·0	33·3	32·9	33·2	32·8	33·0	32·1	32·8	32·3	33·0	34·0	35·5	36·2	36·6	37·0	36·8	36·4	36·1	35·2	34·3	34·3	32·8	32·3	31·9	29
31·8	31·3	*	30·8	30·5	29·9	30·0	29·7	30·1	30·4	30·0	31·9	32·2	34·2	34·1	34·0	34·2	34·6	34·5	33·8	33·1	33·3	33·3	32·9	30
32·6	32·1	31·9	31·0	31·9	31·7	31·8	31·8	31·7	31·6	32·1	32·1	33·9	35·6	36·6	36·8	35·9	35·9	35·0	34·9	35·1	34·6	34·3	34·0	31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53' N. LONG: 4°18' W. HOURLY VALUES January 1878.

WIND DIRECTION IN NUMBERS {8 = E, 16 = S, 24 = W, 32 = N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	17	8.5	16	7.5	18	9.5	18	7.5	18	4.5	16	11	17	13	16	11	16	13	16	9.5	17	12	17	9.5
2	25	9.5	24	8.5	19	6.5	20	4.5	20	6.5	22	5.5	23	5.5	20	6.5	20	4	20	2	20	2	20	3
3	16	27	17	16	17	17	17	22	17	16	17	20	17	23	18	24	18	19	19	20	19	21	18	18
4	21	3	21	5.5	6	14	6	20	5	15	7	16	7	15	6	14	5	12	5	13	5	16	5	18
5	5	6.5	5	6.5	5	5.5	5	5.5	5	6.5	5	7.5	5	5.5	5	3	5	4	12	4	12	4	18	4
6	23	21	23	17	23	17	24	15	23	18	24	18	23	17	23	11	21	14	21	16	22	32	22	28
7	19	15	21	16	22	13	20	13	21	10.5	21	9.5	21	11	20	13	21	6.5	22	6.5	23	4	26	7.5
8	2	6.5	2	9.5	1	15	32	13	31	7.5	32	9.5	31	10.5	30	12	31	15	32	13	31	21	32	20
9	30	6.5	25	6.5	25	6.5	25	4.5	25	5.5	26	6.5	26	8.5	27	9.5	27	8.5	30	6.5	30	4	30	5.5
10	26	2	26	1.5	26	1.5	26	2	26	2	26	2	26	2	26	2	26	1.5	26	2	26	3	26	3
11	27	1.5	27	2	27	1.5	27	2	27	2	27	4.5	27	3	27	2	27	2	27	2	27	2	27	2
12	27	2	27	1.5	27	3	27	2	27	1.5	27	1.5	21	3	20	5.5	19	8.5	17	12	16	12	16	11
13	21	14	20	10.5	19	14	19	15	19	17	21	17	19	20	20	22	20	23	20	22	21	28	21	31
14	22	20	21	18	20	17	21	18	22	22	22	21	22	16	22	16	22	18	21	7.5	19	7.5	21	7.5
15	19	1.5	19	3	19	4	19	4	19	4.5	19	4.5	19	2	19	5.5	21	13	22	11	21	22	21	21
16	21	31	21	28	21	31	21	30	21	30	22	24	21	20	22	20	22	23	22	12	24	17	25	23
17	17	10.5	26	15	23	14	19	12	20	9.5	22	9.5	25	14	22	6.5	23	6.5	23	7.5	24	11	24	9.5
18	23	3	23	3	23	2	23	2	23	3	23	4	29	4	29	3	29	4	28	4.5	24	6.5	25	5.5
19	19	4.5	19	4	19	4	19	4.5	17	7.5	17	7.5	17	7.5	16	9.5	17	10.5	16	10.5	18	11	17	9.5
20	17	20	17	20	18	22	20	20	23	13	23	15	22	10.5	21	12	20	10.5	19	10.5	17	14	16	19
21	18	36	21	20	23	23	24	24	22	19	22	18	23	15	24	15	26	8.5	23	11	25	8.5	23	4.5
22	28	3	22	5.5	22	4	22	4.5	19	5.5	19	4.5	19	4	19	3	19	4.5	19	4.5	11	4.5	12	4
23	24	29	21	30	21	20	21	28	22	26	20	22	21	20	20	22	19	20	23	22	20	33	21	28
24	23	23	25	20	25	20	24	20	24	20	24	16	23	20	24	18	23	13	23	11	23	11	23	17
25	3	21	2	18	3	7.5	30	4.5	28	5.5	26	9.5	29	9.5	28	7.5	27	12	25	16	23	18	21	15
26	23	8.5	27	8.5	27	16	22	6.5	27	12	18	10.5	25	6.5	20	6.5	26	7.5	31	6.5	25	5.5	25	4.5
27	10	8.5	10	12	9	13	9	12	9	10.5	9	9.5	13	10.5	11	10.5	9	10.5	5	10.5	4	9.5	5	8.5
28	20	5.5	24	4.5	24	6.5	24	4.5	24	4	20	12	22	11	23	7.5	23	8.5	23	10.5	23	11	24	10.5
29	21	7.5	21	5.5	22	5.5	22	3	22	5.5	25	7.5	24	7.5	24	4.5	22	6.5	22	8.5	21	7.5	21	4.5
30	32	4.5	32	4.5	32	4.5	32	4	32	3	32	2	32	2	32	2	32	2	32	3	32	2	32	2
31	32	2	32	3	32	4	32	3	32	3	32	1.5	32	2	32	3	32	4	32	3	32	3	32	3

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	19	13	19	13	17	14	18	12	20	15	20	17	19	18	20	21	21	24	21	25	25	11	25	10.5
2	20	4.5	20	5.5	19	5.5	17	5.5	17	5.5	17	7.5	16	8.5	16	11	18	6.5	15	13	17	11	16	15
3	18	17	18	18	19	16	18	15	18	15	18	8.5	20	7.5	21	5.5	21	3	21	4	21	3	21	2
4	5	15	6	15	5	11	5	12	5	12	5	10.5	5	9.5	5	8.5	5	11	5	10.5	5	9.5	5	8.5
5	19	8.5	18	10.5	18	13	19	13	20	11	20	17	22	17	20	14	19	12	21	14	20	13	23	18
6	22	27	22	26	21	20	21	16	23	15	21	15	22	16	24	16	23	13	20	15	21	16	20	17
7	32	12	1	16	3	16	4	19	2	25	2	19	2	20	32	17	32	11	1	8.5	32	12	3	10.5
8	31	17	32	15	32	12	32	10.5	31	8.5	30	9.5	31	9.5	30	11	31	9.5	32	15	32	10.5	30	6.5
9	30	4.5	30	4	26	4.5	26	3	26	4	26	3	26	3	26	4.5	26	4	26	4	26	2	26	2
10	26	2	26	1.5	26	1.5	26	4	26	3	26	4	26	4	27	2	27	2	27	2	27	1.5	27	2
11	27	4	27	4	27	3	27	4	27	1.5	27	2	27	2	27	2	27	2	27	2	27	1.5	27	1.5
12	18	10.5	17	14	18	14	18	16	18	20	18	24	18	17	17	21	17	17	17	19	19	24	19	20
13	21	32	21	30	21	29	21	25	21	23	22	22	22	26	22	24	21	25	21	26	22	27	20	24
14	21	11	22	6.5	20	8.5	20	6.5	19	8.5	19	6.5	19	4.5	19	4.5	19	5.5	19	4	19	2	19	2
15	21	23	21	24	21	28	22	33	22	36	22	31	23	29	22	25	21	24	22	28	22	32	23	37
16	25	20	24	20	24	18	22	12	24	23	25	25	25	12	25	17	22	13	22	14	24	21	20	12
17	25	10.5	24	8.5	24	11	24	5.5	24	5.5	25	4	23	4	23	4	23	4	23	2	23	4	23	2
18	20	7.5	21	6.5	19	11	19	7.5	19	6.5	19	5.5	19	3	19	3	19	3	19	3	19	4	19	3
19	16	7.5	15	15	16	18	16	16	16	18	16	22	16	22	15	18	15	18	16	22	16	25	17	21
20	18	25	18	25	17	25	17	20	16	27	16	27	16	31	16	30	17	35	17	34	18	34	18	36
21	23	3	23	3	32	5.5	7	7.5	8	9.5	4	12	4	18	2	16	4	11	4	4.5	4	4	28	4
22	5	5.5	10	6.5	19	6.5	15	8.5	18	7.5	19	9.5	19	9.5	16	14	15	15	16	19	21	20	19	22
23	21	33	23	32	22	37	22	33	22	32	25	33	24	21	26	29	25	18	23	27	22	24	23	20
24	24	20	24	10.5	24	12	23	11	23	10.5	23	10.5	23	7.5	23	7.5	23	6.5	21	12	21	12	22	9.5
25	25	21	27	25	27	23	28	17	28	15	27	12	23	9.5	21	11	25	5.5	21	5.5	20	4	20	5.5
26	25	4.5	25	3	23	4.5	23	4	23	3	23	3	23	4.5	23	4	23	5.5	1	4.5	12	5.5	12	5.5
27	5	8.5	5	11	5	9.5	7	9.5	4	10.5	7	7.5	10	6.5	13	9.5	16	10.5	15	11	17	11	19	5.5
28	24	13	23	12	24	9.5	21	8.5	21	8.5	24	10.5	23	9.5	22	7.5	22	10.5	22	10.5	22	8.5	22	8.5
29	21	4.5	21	5.5	21	4	21	4.5	21	4	21	3	21	4	21	2	21	4	21	4	21	5.5	32	5.5
30	32	3	32	2	32	3	32	3	32	3	32	3	32	3	32	4	32	4	32	4	32	3	32	2
31	32	3	30	4	30	4	30	4.5	30	4.5	23	5.5	23	5.5	23	4.5	23	4	23	4.5	23	4.5	23	4.5

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.	.	.	.	.	.	.	.	·003	.	.	·017	·010	.	.	.	.	·002	.	.	.
2	.	·003	·002	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	·002	·008	.	.	.	.	.	·015	·005	.	·012	·058	·022	·048	·002	.
4	.	·006	.	.	.	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·002	·002	.
6	.	.	.	.	·005	·001	.	.	.	.	.	·005	·005	·005	·005	·010	·040	·008	·004	·017	·040	·007	·003	·002
7	.	·003	·010	·010	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·004	·039	·042	·045	·002
13	·008	.	.	.	.	·001	.	·019	·040	·012	.	·022	·008	.	·001	·002	.	.	.	.	.	.	.	·002
14	.	·025	·015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·005	·005
15	·005	·005	.	.	·010	·007	·007	·006	.	·008	·020	·050	·027	·035	·008	·007	·019	·058	.	.	.	.	.	·008
16	·012	·018	·010	·020	·022	·018	·020	·002	·002	·006	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	·010	·003	·005	·002	.	.	·002	·018	·013	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	·018	·050
20	·044	·051	·077	·029	·001	.	.	.	.	.	.	.	.	.	.	.	·025	·037	·058	·060	·045	·040	·045	·090
21	·110	·120	·070	·020	·010	·005	.	.	.	.	.	·048	·052	·100	·075	·051	·038	·066	·120	·062	·020	·025	·005	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·067	·102	·031
23	.	.	·010	·002	.	·002	.	.	.	·052	·084	·030	·030	·040	·030	·010	·036	·024	·010	.	·013	·007	.	·030
24	·013	·002	·003	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	— Melted snow at 11 a.m. =										·030	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	·020	·030	·018	·020	·134	·041	·060	·090	·016	·034	·060	·044	·052	·044	·040	·060	·055	·040	·005
28	.	.	.	·003	·005	·002	·020	.	.	·002	.	.	.	.	.	.	.	.	·010	.	·010	.	.	.
29	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

·225 ·212 ·236 ·202 ·089 ·053 ·058 ·089 ·063 ·077 ·224 ·175 ·218 ·212 ·196 ·179 ·165 ·204 ·245 ·268 ·241 ·261 ·303 ·267 ·225

9 8 9 8 7 5 6 5 4 4 4 4 7 6 5 6 7 7 6 8 6 9 9 9 9

* Record defective or Instrument out of action. † Obtained from reading of Standard

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	·235	·234	·233	·231	·229	·230	·232	·233	·218	·226	·233	·238
2	·223	·208	·201	·204	·198	·194	·187	·186	·190	·188	·196	·200
3	·306	·310	·311	·309	·304	·305	·304	·301	·304	·304	·302	·306
4	·309	·312	·307	·281	·257	·250	·242	·237	·238	·235	·236	·234
5	·230	·231	·234	·234	·234	·234	·240	·243	·251	·269	·270	·279
6	·269	·255	·244	·239	·232	·200	·205	·215	·213	·214	·212	·230
7	·197	·194	·196	·194	·196	·200	·196	·197	·203	·203	·208	·200
8	·180	·179	·181	·182	·173	·167	·166	·170	·177	·177	·179	·176
9	·154	·156	·154	·151	·151	·144	·147	·147	·149	·145	·152	·146
10	·126	·126	·125	·125	·123	·121	·129	·132	·128	·133	·130	·136
11	·147	·136	·141	·137	·133	·135	·135	·122	·140	·142	·150	·166
12	·174	·179	·184	·184	·190	·192	·191	·197	·196	·183	·188	·193
13	·242	·223	·215	·209	·215	·212	·224	·231	·232	·230	·240	·232
14	·240	·260	·265	·263	·269	·273	·272	·242	·243	·242	·239	·249
15	·258	·256	·257	·255	·251	·252	·258	·269	·308	·313	·320	·319
16	·320	·309	·315	·311	·315	·317	·319	·312	·275	·254	·250	·233
17	·213	·229	·230	·223	·226	·227	·217	·218	·210	·216	·223	·275
18	·219	·221	·233	·240	·240	·247	·251	·260	·270	·281	·285	·286
19	·237	·234	·234	·230	·231	·232	·226	·221	·220	·213	·210	·223
20	·298	·297	·294	·292	·267	·244	·240	·226	·231	·233	·249	·252
21	·331	·312	·301	·248	·253	·254	·255	·234	·213	·213	·213	·216
22	·186	·178	·178	·172	·166	·158	·158	·165	166 *	·168	*	*
23	·192	·195	·181	·172	·164	·174	·175	·185	·185	·179	·183	·189
24	·193	·187	·179	·162	·163	...	*	...	·154	·145	·142	...
25	·114	·106	·097	·086	·088	·078	·065	·071	·068	·064	·077	·113
26	·161	·159	·157	·159	·160	·163	·160	·163	·162	·168	·171	·177
27	·178	·175	·170	·178	·187	·199	·191	·193	·193	·192	·198	·191
28	·230	·228	·227	·215	·201	·208	·208	·202	·193	·188	·191	·181
29	·185	·182	·175	·180	·174	·175	·169	·178	·165	·174	·177	·189
30	·173	·167	*	·161	·154	·160	·163	·163	·164	·170	·165	·175
31	·179	·180	·179	·164	·179	·177	·176	·177	·175	·175	·181	·180
									6·034			

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·243	·249	·257	·251	·257	·258	·258	·258	·257	·253	·231	·232
2	·208	·212	·207	·205	·196	·197	·215	·227	·243	·259	·276	·299
3	·311	·311	·313	·313	·315	·317	·315	·314	·313	·311	·307	·311
4	·228	·226	·225	·222	·219	·223	·223	·223	·225	·227	·227	·228
5	·291	·294	·300	·301	·303	·302	·292	·281	·299	·299	·293	·291
6	·230	·213	·217	·210	·206	·207	·202	·200	·201	·196	·194	·199
7	·200	·187	·182	·193	·182	·175	·174	·176	·181	·183	·179	·178
8	·162	·161	·167	·165	·166	·159	·152	·155	·150	·149	·153	·152
9	·147	·148	·158	·154	·151	·142	·140	·133	·130	·129	·128	·125
10	·136	·139	·137	·140	·137	·135	·136	·137	·147	†·142	·141	·140
11	·163	·162	·162	·155	...	...	...	*	162 ...	...	...	·167
12	·186	·189	·212	·214	·217	·217	·220	·222	·236	·237	·244	·247
13	·226	·228	·225	·233	·237	·242	·240	·244	·242	·243	·239	·242
14	·262	·267	·268	·264	·263	·266	·267	·262	·266	·262	·259	·263
15	·325	·322	·322	·318	·323	·325	·327	·331	·330	·328	·324	·319
16	·243	·241	·209	·223	·217	·211	·209	·219	·224	·221	·221	·217
17	·220	·220	·214	·222	·228	·221	·215	·207	·211	·210	·210	·212
18	·292	·275	·271	·255	·252	·253	·249	·250	·247	·250	·248	·242
19	·242	·259	·254	·255	·276	·281	·286	·285	·286	·292	·291	·294
20	·257	·260	·269	·271	·269	·259	·261	·251	·271	·280	·309	·325
21	·210	·195	·189	·190	·195	·176	·192	·186	·184	·182	·188	·187
22	·181	·155	·172	·179	·189	·189	·194	·188	·193	·213	·201	·209
23	·185	·193	·182	·192	·193	·187	·185	·183	·193	·173	·177	·190
24	...	...	...	*	*	...	...	...	15·0	·153	·160	·172
25	·154	·136	·173	·173	·159	·154	·163	·163	·165	·167	·165	·166
26	·175	·180	·183	·173	·177	·175	·175	·167	·164	·165	·179	·180
27	·196	·199	·205	·205	·208	·210	·215	·216	·225	·225	·235	·243
28	·176	·189	·175	·175	·176	·176	·188	·184	·188	·184	·182	·180
29	·191	·195	·196	·201	·196	·197	·193	·190	·194	·184	·178	·177
30	·147	·177	·178	·174	·178	·187	·186	·186	·179	·181	·181	·181
31	·184	·190	·197	·202	·202	·200	·194	·192	·194	·191	·190	·197
									6·650			

·201 0·215

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG. 2°6′ W

HOURLY VALUES January 1878.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·031	30·039	30·036	30·018	30·006	29·998	29·987	29·981	29·986	29·980	29·960	29·934	29·928	29·910	29·881	29·868	29·858	29·833	29·830	29·819	29·820	29·836	29·871	29·898	1
2	29·936	29·966	29·999	30·028	30·044	30·065	30·089	30·106	30·130	30·149	30·153	30·144	30·132	30·126	30·112	30·103	30·091	30·056	30·040	30·053	30·016	·997	·959	·922	2
3	·867	·810	·793	29·804	29·777	29·735	29·749	29·711	29·707	29·677	29·681	29·679	29·645	29·661	29·661	29·661	29·665	29·685	29·702	29·727	29·748	29·777	29·809	29·840	3
4	29·878	29·908	29·933	29·955	·977	30·000	30·023	30·042	30·059	30·081	30·111	30·105	30·097	30·104	30·103	30·111	30·116	30·125	30·130	30·129	30·133	30·122	30·095	30·094	4
5	30·081	30·057	30·032	30·025	·992	29·975	29·956	29·927	29·907	29·887	29·875	29·856	29·824	29·801	29·786	29·771	29·764	29·754	29·753	29·735	29·720	29·697	29·698	29·694	5
6	29·680	29·691	29·694	29·685	·704	·693	·680	·683	·665	·641	·627	·586	·548	·518	·488	·464	·438	·421	·393	·363	·328	·301	·277	·248	6
7	·225	·205	·186	·163	·146	·138	·138	·157	29·185	29·216	29·248	29·290	29·326	29·379	29·429	29·472	29·520	29·565	29·608	29·649	29·681	29·710	29·732	29·759	7
8	29·796	29·820	29·856	29·883	29·909	29·934	29·951	29·990	30·009	30·036	30·046	30·060	30·073	30·086	30·098	30·113	30·123	30·129	30·147	30·159	30·176	30·182	30·188	30·190	8
9	30·199	30·209	30·209	30·203	30·203	30·210	30·215	30·220	·228	·233	·230	·221	·200	·188	·184	·188	·196	·190	·190	·190	·185	·187	·185	·194	9
10	·201	·203	·203	·207	·197	·189	·206	·220	·236	·242	·266	·275	·283	·295	·304	·323	·326	·337	·349	·362	·369	·376	·379	·380	10
11	·382	·393	·402	·396	·391	·400	·401	·401	·406	·415	·420	·415	·410	·415	·414	·416	·421	·425	·430	·444	·442	·430	·429	·432	11
12	·431	·424	·410	·405	·387	·382	·373	·372	·367	·349	·337	30·308	30·286	30·263	30·246	30·235	30·213	30·188	30·160	30·110	30·068	30·033	30·032	30·023	12
13	30·023	30·027	30·038	30·033	30·026	30·024	30·028	30·016	30·027	30·025	30·003	29·975	29·976	29·973	29·967	29·963	29·960	29·956	29·968	29·970	29·964	29·962	29·950	29·927	13
14	29·919	29·888	29·864	29·853	29·833	29·814	29·823	29·844	29·894	29·920	29·934	·947	·959	·963	·975	·979	·987	·998	30·009	30·020	30·022	30·042	30·043	30·052	14
15	30·052	30·049	30·046	30·039	30·023	30·008	·994	·983	·968	·960	·932	·896	·874	·851	·830	·818	·810	·805	29·798	29·795	29·785	29·774	29·753	29·739	15
16	29·710	29·693	29·685	29·668	29·681	29·678	29·685	29·710	29·753	29·763	29·804	29·816	29·835	29·849	29·863	29·873	29·900	29·920	29·933	29·977	29·991	30·003	30·021	30·040	16
17	30·063	30·090	30·106	30·123	30·132	30·137	30·156	30·164	30·175	30·184	30·209	30·209	30·205	30·221	30·235	30·258	30·275	30·288	30·297	30·308	30·311	·311	·306	·305	17
18	·302	·295	·286	·265	·263	·251	·253	·265	·277	·278	·281	·283	·284	·281	·292	·289	·293	·296	30·294	30·287	30·289	30·286	30·289	30·287	18
19	30·277	30·271	30·259	30·243	30·234	30·222	30·212	30·206	30·204	30·181	30·147	30·121	30·090	30·069	30·050	30·046	30·011	30·004	29·976	29·949	29·945	29·925	29·912	29·886	19
20	29·867	29·852	29·812	29·791	29·771	29·765	29·782	29·790	29·800	29·825	29·826	29·822	29·809	29·793	29·785	29·777	29·735	29·685	·616	·547	·475	·398	·320	·286	20
21	·291	·292	·298	·336	·362	·420	·468	·526	·550	·574	·608	·618	·593	·591	·586	·585	·554	·553	·553	·554	·564	·568	·592	·613	21
22	·648	·673	·707	·725	·733	·744	·766	·788	·803	29·808	29·795	29·769	29·738	29·699	29·666	29·630	29·581	29·525	29·498	29·441	29·363	29·288	29·219	29·163	22
23	29·127	29·053	29·038	29·038	29·029	·027	·028	·031	·018	28·986	28·973	28·940	28·912	28·880	28·832	28·813	28·824	28·816	28·817	28·840	28·876	28·887	28·889	28·916	23
24	28·905	28·938	28·967	28·973	28·992	·008	·021	·028	·022	29·039	29·096	29·112	29·129	29·160	29·174	29·195	29·193	29·209	29·220	29·224	29·232	29·229	29·217	29·213	24
25	29·189	29·187	29·191	29·195	29·191	·192	·200	·191	·175	·167	·175	·150	·147	·167	·210	·274	·339	·387	·432	·488	·524	·561	·594	·628	25
26	·652	·672	·695	·721	·747	·781	·798	·816	·840	·865	·879	·877	·879	·888	·905	·912	·918	·922	·921	·921	·913	·914	·917	·913	26
27	·907	·899	·886	·878	·867	·858	·857	·844	·846	·839	·816	·797	·762	·749	·727	·709	·693	·671	·645	·624	·597	·571	·546	·527	27
28	·496	·479	·459	·442	·427	·418	·412	·422	·434	·446	·463	·466	·479	·498	·521	29·539	29·559	29·581	29·603	29·624	29·639	29·655	29·676	29·694	28
29	29·709	29·728	29·744	29·768	29·777	29·798	29·831	29·869	29·888	29·909	29·937	29·950	29·964	29·976	29·994	30·010	30·028	30·043	30·057	30·063	30·071	30·074	30·087	30·103	29
30	30·114	30·124	30·139	30·147	30·157	30·172	30·183	30·203	30·222	30·242	30·252	30·261	30·267	30·275	30·279	·300	·315	·320	·333	·344	·357	·363	·371	·378	30
31	30·388	30·391	30·403	30·417	30·415	30·421	30·439	30·446	30·457	30·471	30·474	30·465	30·462	30·463	30·465	30·462	30·465	30·472	30·469	30·462	30·460	30·460	30·462	30·455	31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	349	330	338	359	377	369	376	390	392	393	410	404	399	403	408	410	398	399	403	411	402	412	416	410	1
2	381	381	387	369	374	365	373	360	356	370	384	388	393	384	389	377	377	379	389	376	377	386	383	398	2
3	404	412	420	429	439	473	466	475	480	495	490	484	484	478	474	470	473	472	462	463	460	469	454	440	3
4	431	421	416	408	402	400	402	400	409	406	405	399	401	399	395	393	393	389	375	368	349	350	356	370	4
5	374	372	376	373	383	389	393	385	390	397	414	414	422	436	433	411	407	395	397	397	392	396	396	390	5
6	396	420	453	442	427	414	400	383	372	385	396	404	406	407	410	395	377	371	363	377	344	356	363	363	6
7	372	360	367	370	364	356	357	355	357	356	352	356	359	366	382	379	388	380	377	374	383	374	371	377	7
8	384	389	388	382	381	379	384	378	383	382	385	385	378	380	382	381	371	370	376	376	367	362	366	356	8
9	360	356	347	353	360	362	364	350	360	357	358	360	381	379	376	370	371	367	361	354	353	351	355	360	9
10	367	363	364	360	353	354	354	355	356	363	364	374	379	379	378	379	376	373	372	370	370	366	367	367	10
11	352	328	320	317	316	317	306	300	305	307	314	325	337	352	349	331	312	307	298	294	304	299	300	291	11
12	298	303	306	312	321	324	339	336	341	344	361	375	403	400	380	375	366	374	383	380	393	400	402	410	12
13	410	395	371	373	381	392	386	373	366	383	391	420	417	409	429	423	416	412	400	404	387	376	369	375	13
14	383	379	400	406	407	424	426	422	420	401	414	413	406	409	395	398	395	394	387	388	384	394	387	383	14
15	387	379	372	370	370	372	374	378	384	400	409	412	411	417	417	419	444	444	446	454	466	465	470	485	15
16	496	503	510	515	517	504	502	481	474	466	454	448	448	450	440	434	431	428	431	430	429	424	421	424	16
17	420	419	423	424	419	413	402	411	413	414	422	426	433	426	426	420	395	404	388	378	377	362	347	344	17
18	327	327	323	335	331	317	320	332	335	342	371	374	398	429	420	417	426	426	411	405	373	367	359	363	18
19	357	351	353	360	379	396	400	412	404	404	403	410	424	414	404	403	402	407	417	427	431	432	434	439	19
20	440	440	451	447	446	445	456	434	411	424	434	436	446	446	445	441	436	441	440	441	436	440	450	476	20
21	493	487	483	474	451	446	427	414	407	410	410	411	414	407	409	377	364	362	345	340	341	337	338	339	21
22	351	350	353	347	347	334	342	322	323	335	340	358	370	366	361	347	348	367	355	345	342	334	344	345	22
23	347	350	360	364	370	353	349	342	328	340	334	360	370	380	370	363	375	369	379	379	381	374	369	357	23
24	364	370	345	354	350	344	338	334	335	336	331	329	336	326	328	314	301	298	295	300	272	271	264	266	24
25	256	267	247	259	242	246	252	251	261	270	290	315	346	365	381	384	376	363	365	369	366	370	364	358	25
26	365	367	366	364	361	356	356	354	354	367	374	378	379	377	384	374	363	350	336	329	316	323	333	335	26
27	337	352	369	370	373	377	380	384	392	394	400	400	400	400	400	377	377	376	377	377	376	375	375	377	27
28	380	380	378	379	374	370	361	353	354	361	380	386	383	384	378	373	354	344	325	320	326	325	320	321	28
29	314	319	313	309	322	323	333	332	326	336	362	382	388	395	389	375	354	346	333	319	322	313	307	304	29
30	288	284	282	294	296	300	306	294	291	306	325	350	370	377	379	365	353	340	327	317	307	310	290	292	30
31	292	289	284	273	265	262	264	263	264	283	306	338	362	383	375	364	360	350	357	370	384	385	372	402	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	334	322	328	344	363	356	362	375	380	379	391	387	383	384	386	390	383	385	388	393	389	390	391	379	1
2	361	352	353	344	346	336	340	334	332	340	350	358	362	359	360	353	353	354	361	360	365	370	371	384	2
3	394	403	412	422	431	454	459	463	464	466	464	467	466	463	461	458	461	460	452	451	444	465	451	434	3
4	424	413	410	401	396	391	386	380	375	374	375	376	372	367	368	364	366	371	366	361	345	344	351	363	4
5	366	365	369	366	376	380	386	380	382	388	404	405	411	425	422	402	398	388	388	386	386	387	386	384	5
6	387	401	426	413	400	386	370	357	352	354	367	377	380	383	371	360	350	341	338	326	322	301	336	336	6
7	338	334	341	342	340	335	338	339	342	345	346	349	352	357	366	364	365	360	363	363	366	361	357	366	7
8	372	366	358	360	363	362	366	364	360	361	360	360	355	354	350	345	346	350	342	339	343	340	336	334	8
9	339	336	338	340	335	336	336	336	337	334	341	344	353	353	355	353	353	349	342	334	333	333	336	342	9
10	346	344	345	343	338	339	342	343	344	350	353	362	370	372	370	370	366	364	364	364	363	360	356	356	10
11	342	321	312	310	307	304	299	292	294	296	*	313	...	...	*	*	...	...	289	286	292	289	284	277	11
12	283	289	287	294	306	306	...	...	*	...	...	355	373	367	357	353	350	353	364	367	377	384	385	387	12
13	386	378	361	358	355	359	362	356	352	361	370	382	384	384	387	382	378	378	372	374	368	359	358	360	13
14	362	360	377	381	381	392	394	394	402	394	396	397	398	384	385	377	370	366	366	366	371	369	366	366	14
15	366	360	357	357	357	359	366	373	381	396	405	407	406	411	412	414	417	439	442	447	455	456	467	465	15
16	471	474	477	477	480	474	467	449	442	424	420	406	407	407	400	393	390	394	400	398	397	395	393	394	16
17	392	391	392	391	390	390	383	387	384	385	391	394	399	397	395	390	376	361	366	358	360	347	334	332	17
18	319	317	311	322	321	309	310	321	323	336	350	361	383	410	406	406	408	410	398	393	367	362	354	360	18
19	354	348	348	353	366	353	376	382	386	388	383	390	386	384	380	380	386	394	404	414	419	422	423	426	19
20	429	430	436	434	436	437	436	419	400	402	403	407	405	408	418	421	422	427	427	424	424	421	423	430	20
21	460	458	443	433	414	404	381	367	361	360	366	366	366	366	366	357	350	349	340	334	334	333	332	330	21
22	332	329	330	328	324	313	314	300	298	300	322	325	332	331	330	320	330	348	340	325	321	317	327	332	22
23	337	337	344	344	342	327	320	312	300	312	316	327	340	347	340	336	342	344	344	343	343	338	331	324	23
24	337	338	336	323	321	311	311	311	*	300	300	299	*	290	295	286	271	272	273	277	264	264	254	251	24
25	246	240	235	207	286	284	240	207	246	252	271	296	317	326	361	367	357	350	346	354	351	354	350	346	25
26	351	353	349	350	346	346	345	343	344	355	363	362	362	360	365	356	348	340	326	319	307	...	*	...	26
27	*	*	356	354	356	358	360	364	370	370	376	374	374	370	363	366	366	368	370	369	366	367	366	370	27
28	373	373	372	374	372	366	360	350	346	345	357	357	351	350	341	338	322	316	306	302	303	*	*	294	28
29	290	293	294	292	298	300	307	308	303	...	*	...	343	350	340	340	323	316	309	301	*	*	287	286	29
30	276	272	271	279	284	285	287	283	280	289	305	*	*	347	354	348	337	326	314	307	298	*	285	286	30
31	286	283	276	270	261	259	259	257	257	274	293	314	*	*	341	340	343	337	343	354	363	366	356	372	31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10′ N. LONG: 2°6′ W.

HOURLY VALUES January 1878.

WIND DIRECTION IN NUMBERS {8=E 24=W / 16=S 32=N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	26	4	26	4	26	6·5	26	10·5	19	15	19	10·5	19	12	19	17	19	11	19	9·5	16	12	16	17
2	23	6·5	23	7·5	23	14	23	5·5	23	5·5	23	8·5	23	10·5	23	8·5	23	8·5	23	8·5	23	12	22	5·5
3	15	25	16	31	16	26	18	20	18	11	18	16	17	17	16	18	15	16	17	17	18	23	17	20
4	1	16	32	13	32	14	31	11	31	11	31	8·5	31	8·5	31	12	4	10·5	4	10·5	3	9·5	3	8·5
5	10	6·5	16	6·5	16	8·5	16	11	17	13	17	15	17	13	16	13	16	15	15	15	16	18	16	11
6	18	5·5	18	5·5	24	13	25	21	22	12	23	10·5	20	9·5	20	7·5	20	7·5	20	8·5	20	9·5	18	9·5
7	20	15	20	14	20	16	20	15	20	13	20	9·5	20	4·5	20	4	20	2	20	4	20	5·5	27	8·5
8	32	17	32	15	30	18	30	17	30	14	32	17	1	17	31	17	30	17	2	17	30	17	29	18
9	29	16	29	13	30	15	29	13	29	14	28	13	28	15	27	15	27	14	27	12	27	17	26	16
10	26	21	26	18	26	17	26	17	26	16	26	18	26	17	26	19	26	18	26	17	26	20	26	16
11	26	4·5	26	5·5	26	5·5	26	4·5	26	6·5	26	5·5	26	4	26	4	26	4·5	26	5·5	26	4	26	3
12	26	4·5	26	4	26	4·5	26	3	26	3	26	3	26	4	26	4·5	26	4·5	26	4·5	26	4·5	26	9·5
13	20	15	19	8·5	19	6·5	16	6·5	18	10·5	21	15	18	12	18	13	18	10·5	18	10·5	18	7·5	19	19
14	18	10·5	18	13	20	14	20	15	20	12	21	20	21	18	21	8·5	28	9·5	23	4·5	23	8·5	25	9·5
15	23	5·5	23	5·5	23	4·5	23	4·5	23	6·5	23	5·5	19	6·5	16	7·5	16	5·5	16	8·5	16	7·5	16	12
16	20	17	20	20	20	20	21	20	22	18	22	17	23	21	24	26	24	24	25	22	26	22	26	19
17	26	22	24	15	24	17	24	20	25	21	25	24	26	18	26	17	25	17	25	20	24	18	26	21
18	22	4	22	5·5	22	5·5	19	4·5	19	3	19	3	19	4	19	4·5	19	4·5	19	4	19	4	19	4·5
19	19	3	19	4	19	3	19	6·5	19	6·5	19	5·5	19	8·5	19	8·5	16	10·5	17	10·5	17	7·5	16	14
20	15	19	16	7·5	16	13	17	18	15	14	15	6·5	19	8·5	24	4·5	24	4	24	8·5	19	10·5	19	6·5
21	19	24	19	17	21	24	21	20	21	22	22	16	23	16	24	18	23	14	22	12	23	5·5	16	5·5
22	24	10·5	24	18	25	15	24	16	25	10·5	25	10·5	25	10·5	18	12	19	11	19	11	19	6·5	19	6·5
23	18	15	18	17	19	14	21	18	23	17	21	21	21	23	20	8·5	20	10·5	20	16	16	18	20	22
24	25	35	25	34	24	32	24	46	25	46	25	45	24	46	25	47	25	52	26	48	26	45	26	39
25	26	22	24	17	26	23	25	26	25	23	24	27	25	26	24	26	25	36	24	28	22	17	25	31
26	26	21	26	20	27	22	27	20	27	14	29	14	27	16	27	13	26	15	26	16	26	17	26	16
27	20	5·5	17	7·5	15	16	14	17	14	15	14	15	14	23	14	24	14	27	14	24	14	28	14	24
28	14	25	15	17	16	14	17	11	16	7·5	16	3	16	3	16	4	21	5·5	24	10·5	24	14	25	21
29	20	5·5	20	4·5	22	3	22	4·5	24	7·5	23	7·5	24	6·5	24	7·5	22	5·5	25	11	24	8·5	25	16
30	22	4	22	4	22	5·5	24	4·5	24	4·5	24	4·5	24	4	24	9·5	24	6·5	24	7·5	24	7·5	24	6·5
31	26	5·5	26	6·5	26	4·5	26	4	26	4·5	26	8·5	26	4·5	26	4	26	4·5	26	4	26	4	26	4·5

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	17	8·5	17	7·5	17	10·5	16	13	17	13	16	14	16	13	18	16	18	13	19	11	20	7·5	24	9·5
2	22	5·5	22	4·5	22	7·5	21	9·5	21	4·5	21	7·5	18	15	16	13	15	21	16	18	15	15	16	13
3	18	27	17	15	18	7·5	18	9·5	18	8·5	18	6·5	18	4	18	4·5	24	10·5	26	11	28	13	2	22
4	4	10·5	10	8·5	10	7·5	10	8·5	10	4·5	10	4	10	3	10	2	10	2	10	2	10	6·5	10	6·5
5	15	10·5	16	7·5	17	8·5	18	13	18	8·5	18	4·5	18	8·5	18	12	18	11	18	6·5	18	10·5	18	4·5
6	17	9·5	17	5·5	19	14	20	13	20	11	20	6·5	20	9·5	20	9·5	20	10·5	20	13	20	13	20	14
7	30	11	32	12	32	12	31	13	30	17	31	15	30	15	30	15	30	17	31	13	28	13	30	18
8	30	18	30	18	30	20	30	17	31	14	30	13	30	18	30	16	28	16	28	16	28	15	28	16
9	26	18	26	23	26	25	26	28	26	24	26	22	26	23	26	23	26	22	26	25	26	24	26	23
10	26	12	26	14	26	12	26	12	26	9·5	26	8·5	26	7·5	26	4·5	26	4	26	5·5	26	4·5	26	4·5
11	26	6·5	26	4	26	3	26	4	26	4	26	5·5	26	4·5	26	4	26	5·5	26	4·5	26	5·5	26	4·5
12	21	13	17	10·5	16	9·5	15	13	15	12	15	14	12	17	14	18	17	17	17	25	17	18	18	18
13	19	14	18	10·5	20	16	21	16	21	18	21	16	21	8·5	21	10·5	21	4·5	18	6·5	18	5·5	18	7·5
14	25	4·5	25	9·5	27	9·5	23	6·5	23	6·5	23	9·5	23	6·5	23	5·5	23	7·5	23	7·5	23	5·5	23	7·5
15	16	7·5	16	4·5	16	3	16	4·5	16	4	16	4·5	16	4·5	16	5·5	16	5·5	16	7·5	16	11	19	11
16	24	17	26	20	26	32	26	35	25	27	25	28	25	26	26	20	26	23	25	24	26	24	25	27
17	26	23	26	18	26	20	24	10·5	25	6·5	24	8·5	25	5·5	23	6·5	22	5·5	22	6·5	22	5·5	22	4·5
18	19	4	19	3	19	4	19	4	19	4·5	19	4·5	19	3	19	3	19	4·5	19	3	19	5·5	19	3
19	16	17	17	16	17	14	17	13	17	20	16	9·5	15	14	16	13	16	10·5	15	13	16	12	16	17
20	17	9·5	16	14	18	21	18	14	14	15	14	16	15	21	15	28	16	23	17	21	16	26	19	28
21	20	10·5	20	5·5	20	7·5	24	6·5	19	7·5	18	8·5	18	5·5	18	5·5	18	6·5	23	7·5	24	11	24	14
22	18	9·5	18	8·5	15	8·5	18	7·5	15	11	16	9·5	20	5·5	18	9·5	18	16	17	17	18	19	16	20
23	19	21	19	23	21	22	20	23	21	24	22	26	23	32	24	39	24	39	25	38	24	24	22	17
24	25	30	26	30	26	28	26	26	26	26	27	21	26	18	24	16	26	21	26	17	25	24	25	22
25	26	34	26	26	27	25	30	17	28	18	27	17	27	22	29	18	27	17	27	17	27	21	26	21
26	26	14	26	13	26	8·5	23	6·5	23	5·5	23	5·5	23	4·5	23	4·5	23	5·5	23	6·5	23	7·5	20	5·5
27	14	28	14	30	14	33	14	34	14	32	14	33	14	35	14	34	14	34	14	32	14	33	15	27
28	25	18	25	15	25	16	23	11	24	10·5	22	7·5	22	4·5	20	7·5	20	9·5	20	4	20	6·5	20	9·5
29	25	11	22	8·5	22	5·5	22	4	22	7·5	22	5·5	21	4	21	5·5	22	4	22	4·5	22	4·5	22	4·5
30	26	6·5	26	7·5	26	5·5	26	6·5	26	7·5	26	7·5	26	8·5	26	9·5	26	9·5	26	9·5	26	9·5	26	6·5
31	21	5·5	21	4·5	21	4·5	21	3	21	4	21	4	21	8·5	23	11	24	10·5	24	8·5	24	5·5	22	5·5

1 day RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1																								
2																								
3							·050	·010									·010						·005	·005
4				·010															·020	·005				
5															·010									
6																								
7										·025	·020	·005	·010			·010	·010			·035			·005	·060
8	·020	·005				·005		·010	·020				·005											
9			·005																					
10																								
11																								
12												DEW ·010												
13																								
14									·005	·005			·010	·005	·035									
15							·010	·005	·005	·025	·040	·040	·030	·015	·005	·005	·025							
16																								
17																								
18																								
19																								
20					·005	·005														·005	·005			
21																·010			·020	·020	·025	·015		
22										·035														
23																								
24	·005		·005																					
25	Melted Snow at 10a.m. =									·020						·035	·010			·035	·010	·005		
26	·015		·075			·005																		
27															·015	·055	·070	·085	·040	·020	·030	·010	·025	·040
28	·020	·080	·040	·010			·005																	
29																								
30																								
31																								
105	·060	·085	·075	·020	·005	·015	·065	·025	·030	·090	·060	·045	·055	·020	·065	·115	·125	·085	·080	·120	·070	·030	·035	·105
3	4	2	4	2	1	3	3	3	3	4	2	3	4	2	4	5	5	1	3	6	4	3	3	3

* Record defective or Instrument out of action. † Obtained from reading of Standard

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·173	·171	·174	·183	·198	·194	·198	·209	·216	·213	·217	·216	·214	·212	·210	·215	·215	·218	·219	·220	·222	·213	·212	·195
2	·191	·175	·172	·173	·172	·164	·163	·165	·164	·165	·169	·180	·181	·184	·182	·181	·181	·181	·184	·194	·202	·203	·207	·217
3	·230	·240	·249	·260	·268	·280	·301	·299	·295	·284	·285	·298	·295	·295	·296	·293	·297	·295	·290	·285	·274	·312	·296	·274
4	·263	·251	·250	·239	·237	·228	·216	·207	·190	·191	·194	·201	·192	·185	·191	·185	·189	·202	·207	·204	·195	·192	·199	·206
5	·208	·208	·211	·209	·217	·219	·226	·223	·222	·226	·240	·242	·245	·259	·256	·258	·235	·228	·226	·222	·228	·225	·223	·220
6	·225	·227	·242	·228	·218	·205	·189	·182	·184	·176	·188	·198	·201	·205	·182	·177	·176	·166	·165	·161	·156	·163	·165	·165
7	·160	·165	·170	·168	·171	·170	·174	·178	·182	·188	·194	·195	·198	·199	·199	·198	·199	·190	·198	·202	·198	·198	·194	·204
8	·208	·193	·182	·188	·194	·195	·197	·199	·187	·190	·186	·190	·186	·180	·171	·164	·174	·182	·163	·159	·173	·173	·163	·168
9	·173	·171	·184	·181	·167	·166	·164	·176	·170	·167	·179	·182	·177	·179	·186	·187	·186	·183	·178	·169	·168	·169	·172	·179
10	·178	·179	·179	·180	·178	·178	·184	·185	·186	·190	·193	·200	·209	·213	·210	·209	·205	·205	·206	·208	·206	·205	·196	·196
11	·186	·172	·162	·162	·157	·149	·153	·145	·143	†·145	*	·158	...	...	*	*	...	...	·142	·141	·139	·140	·126	·122
12	·126	·134	·126	·133	·148	·145	...	...	·166*	...	...	·187	·191	·184	·185	·183	·186	·183	·194	·203	·209	·215	·215	·210
13	·208	·209	·201	·193	·181	·177	·189	·190	·190	·189	·198	·193	·199	·205	·193	·190	·190	·193	·193	·192	·198	·192	·192	·195
14	·191	·191	·202	·203	·202	·207	·208	·212	·229	·233	·223	·226	·236	·228	·221	·219	·207	·195	·195	·194	·197	·197	·200	·198
15	·195	·191	·193	·195	·195	·196	·208	·216	·226	·239	·247	·248	·247	·251	·253	·255	·276	·281	·285	·287	·292	·295	·291	·292
16	·293	·292	·292	·287	·291	·291	·278	·260	·253	·226	·230	·209	·211	·209	·205	·198	·196	·206	·214	·211	·211	·212	·211	·210
17	·211	·210	·208	·205	·208	·213	·211	·209	·202	·203	·207	·208	·210	·214	·210	·207	·205	·205	·198	·193	·193	·186	·176	·175
18	·170	·165	·161	·166	·168	·160	·157	·167	·168	·178	·197	·198	·215	·235	·237	·240	·234	·238	·230	·227	·211	·208	·202	·208
19	·204	·199	·197	·199	·202	·198	·200	·199	·214	·218	·210	·215	·196	·201	·203	·204	·216	·226	·236	·246	·252	·257	·257	·258
20	·261	·263	·265	·266	·274	·274	·261	·249	·234	·225	·217	·222	·210	·220	·235	·245	·252	·258	·259	·251	·250	·250	·253	·266
21	·273	·275	·247	·235	·221	·208	·186	·173	·168	·164	·174	·173	·172	·176	·175	·188	·189	·189	·190	·184	·183	·187	·183	·178
22	·167	·162	·162	·156	·157	·149	·145	·136	·131	·141	·152	·151	·152	·155	·157	·150	·166	·182	·180	·161	·156	·157	·166	·174
23	·182	·178	·182	·178	·168	·151	·149	·140	·131	·142	·155	·153	·165	·168	·165	·165	·164	·173	·164	·163	·161	·159	·152	·150
24	·166	·162	·182	·151	·150	·139	·143	·146	·141*	†·137	·129	·129	*	·115	·124	·116	·097	·102	·108	·110	·123	·125	·112	·099
25	·107	·087	·095	·077	·110	·094	·096	·090	·095	·094	·108	·135	·146	·148	·191	·199	·189	·190	·179	·190	·188	·189	·189	·188
26	·189	·193	·184	·189	·185	·190	·188	·186	·188	·195	·202	·196	·195	·193	·195	·189	·186	·184	·173	·167	·157	...	*	...
27	*	*	·194	·189	·190	·190	·190	·193	·197	·191	·200	·196	·196	·189	·198	·204	·205	·209	·212	·210	·205	·209	·207	·212
28	·214	·214	·214	·217	·219	·212	·211	·201	·192	·183	·185	·180	·172	·169	·161	·160	·149	·147	·145	·141	·138	*	*	·125
29	·126	·125	·132	·132	·132	·135	·140	·142	·136	...	*	...	·156	·160	·164	·161	·151	·145	·143	†·140	·136*	*	·125	·126
30	·124	·121	·122	·122	·124	·128	·126	·133	·129	·130	·143	*	*	·171	·181	·181	·176	·168	·159	·156	·149	*	·145	·144
31	·144	·141	·139	·138	·128	·133	·130	·124	·121	·129	·139	·148	*	*	·163	·180	·180	·178	·183	·189	·191	·196	·191	·191
									5·650												5·961			

0·182 0·192

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50°9′ N LONG. 5°4′ W

HOURLY VALUES January 1878.

BAROMETER.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·147	30·147	30·137	30·109	30·081	30·057	30·042	30·023	30·015	30·004	29·987	29·971	29·950	29·955	29·949	29·949	29·950	29·957	29·960	29·960	29·993	30·012	30·019	30·032	1
2	·037	·059	·069	·073	·077	·097	·110	·147	·155	·168	30·185	30·178	30·175	30·177	30·178	30·177	30·176	30·175	30·177	30·177	30·177	30·177	30·177	30·161	2
3	30·143	30·147	30·138	30·115	30·097	30·091	30·069	30·069	30·067	30·055	30·050	30·019	29·985	29·965	29·950	29·927	29·895	29·875	29·850	29·823	29·797	29·771	29·743	29·727	3
4	29·710	29·713	29·711	29·705	29·707	29·710	29·725	29·742	29·769	29·787	29·800	29·809	·808	·819	·832	·848	·869	·886	·892	·904	·918	·919	·924	·926	4
5	·942	·936	·940	·936	·934	·938	·942	·944	·957	·954	·957	·943	·917	·907	·902	·890	·882	·877	·873	·867	·865	·860	·859	·859	5
6	·865	·871	·883	·891	·889	·895	·903	·911	·923	·921	·941	·932	·919	·894	·887	·871	·861	·843	·837	·821	·797	·787	·759	·741	6
7	·723	·699	·681	·649	·609	·583	·567	·559	·539	·527	·499	·467	·441	·438	·431	·421	·411	·389	·367	·365	·341	·335	·325	·336	7
8	·366	·407	·446	·476	·501	·528	29·571	29·611	29·653	29·685	29·710	29·722	29·740	29·756	29·790	29·810	29·830	29·850	29·883	29·898	29·916	29·918	29·918	29·933	8
9	29·942	29·962	29·976	29·980	29·980	29·998	30·006	30·032	30·036	30·054	30·056	30·058	30·053	30·054	30·073	30·086	30·086	30·110	30·120	30·120	30·120	30·123	30·126	30·122	9
10	30·118	30·122	30·131	30·130	30·130	30·136	·145	·158	·172	·187	·195	·185	·180	·180	·183	·185	·195	·209	·215	·230	·242	·249	·253	·259	10
11	·273	·285	·293	·295	·305	·315	·325	·340	·352	·371	·384	·383	·381	·381	·391	·401	·414	·414	·420	·428	·441	·441	·444	·436	11
12	·441	·446	·444	·441	·440	·441	·444	·454	·470	·478	·470	·456	·446	·438	·432	·430	·430	·436	·438	·440	·436	·438	·436	·436	12
13	·432	·430	·437	·430	·428	·420	·422	·428	·440	·456	·450	·442	·430	·432	·432	·435	·433	·434	·434	·438	·435	·434	·427	·416	13
14	·403	·394	·388	·370	·356	·344	·344	·344	·344	·342	·350	·332	·310	·310	·310	·294	·284	·290	·284	·285	·285	·298	·290	·277	14
15	·264	·265	·275	·274	·262	·254	·257	·274	·275	·294	·297	·284	·272	·272	·265	·268	·272	·268	·276	·274	·276	·272	·272	·264	15
16	·256	·259	·264	·255	·246	·242	·246	·246	·250	·250	·265	·253	·241	·219	·216	·211	·214	·209	·219	·232	·241	·243	·253	·251	16
17	·244	·239	·244	·247	·253	·253	·259	·279	·292	·309	·315	·309	·303	·295	·293	·298	·303	·311	·323	·317	·309	·315	·316	·319	17
18	·306	·306	·299	·286	·281	·273	·279	·289	·294	·301	·313	·307	·296	·285	·287	·285	·285	·283	·283	·281	·273	·275	·276	·281	18
19	·273	·267	·259	·246	·233	·225	·231	·243	·246	·245	·237	·232	·212	·194	·196	·192	·187	·164	·157	·157	·149	·147	·147	·134	19
20	·140	·134	·117	·104	·102	30·104	30·112	30·112	·117	·137	·124	·137	30·136	30·128	30·106	30·100	30·094	30·102	30·092	30·076	30·084	30·088	30·088	30·078	20
21	30·054	30·034	30·031	30·028	30·012	29·996	29·989	29·988	30·002	30·006	30·009	30·003	29·990	29·975	29·969	29·958	29·945	29·933	29·927	29·929	29·919	29·919	29·923	29·913	21
22	29·895	29·897	29·889	29·885	29·869	·853	·853	·857	29·865	29·853	29·862	29·844	·832	·812	·826	·844	·845	·840	·836	·818	·800	·790	·776	·756	22
23	·760	·774	·777	·787	·786	·782	·790	·794	·784	·782	·798	·786	·754	·739	·728	·712	·704	·681	·686	·680	·688	·693	·694	·698	23
24	·688	·676	·656	·636	·600	·546	·478	·449	·449	·438	·444	·408	·349	·312	·284	·250	·252	·269	·319	·374	·404	·419	·428	·428	24
25	·424	·420	·412	·404	·406	·412	·444	·458	·486	·492	·499	·494	·508	·551	·571	·624	·654	·676	·704	·716	·732	·754	·764	·761	25
26	·762	·780	·796	·804	·812	·830	·842	·872	·890	·900	·912	·905	·904	·902	·902	·909	·911	·917	·917	·911	·899	·892	·887	·877	26
27	·857	·845	·834	·817	·805	·793	·789	·792	·785	·780	·775	·757	·734	·715	·711	·701	·695	·690	·679	·659	·642	·623	·599	·573	27
28	·549	·531	·511	·505	·514	·539	·557	·597	29·621	29·651	29·684	29·707	29·697	29·706	29·727	29·752	29·781	29·805	29·815	29·841	29·859	29·877	29·891	·901	28
29	·911	·911	·915	·911	·925	·939	·965	29·999	30·009	30·026	30·035	30·042	30·037	30·028	30·032	30·032	30·035	30·038	30·038	30·030	30·018	30·010	30·005	29·998	29
30	29·992	29·985	29·976	29·976	29·976	29·976	29·993	30·006	·024	·042	·064	·068	·066	·070	·086	·102	·122	·139	·159	·166	·166	·184	·198	30·204	30
31	30·206	30·222	30·228	30·228	30·234	30·253	30·264	30·281	30·288	30·304	30·311	30·313	30·300	30·289	30·287	30·299	30·310	30·330	30·348	30·353	30·365	30·373	30·377	30·373	31

DRY BULB THERMOMETER // FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	42·0	42·6	42·6	44·0	45·1	46·5	47·6	48·0	48·1	48·3	48·9	49·0	49·5	49·4	49·6	50·0	50·2	50·1	50·3	50·5	50·4	50·3	50·0	49·7	1
2	49·7	49·7	49·4	48·9	48·1	47·9	47·9	48·0	48·9	49·4	50·0	50·1	49·9	49·7	50·0	49·5	48·8	47·2	46·9	46·0	45·9	44·5	44·8	44·0	2
3	46·0	46·6	47·0	47·6	47·8	48·1	48·7	48·9	49·2	49·6	50·1	50·1	50·8	50·3	50·7	50·6	50·9	50·9	51·1	51·2	51·1	51·0	52·9	50·9	3
4	51·0	51·2	51·1	50·9	50·9	50·8	50·7	50·3	50·3	50·2	51·0	49·3	49·2	49·9	49·9	49·8	49·4	48·8	48·0	47·5	47·7	48·5	48·0	47·0	4
5	46·2	46·5	46·1	45·1	44·7	45·4	44·3	45·6	46·2	47·2	47·8	48·0	48·9	49·7	49·3	49·3	49·5	49·6	49·8	49·8	50·0	50·5	50·2	50·1	5
6	49·9	49·0	47·6	47·2	48·0	48·4	48·5	48·2	48·5	48·4	48·9	48·9	49·2	48·7	47·9	47·0	46·4	46·6	46·0	46·9	46·5	45·8	46·1	46·6	6
7	45·7	45·4	45·3	44·6	43·3	43·8	44·4	44·0	43·1	42·7	44·7	42·5	44·8	44·8	43·8	43·2	43·5	41·7	43·5	43·4	43·7	42·7	41·8	41·7	7
8	42·0	41·6	41·8	41·2	40·5	40·8	41·7	41·9	41·9	41·9	42·5	43·1	43·5	43·7	43·5	42·3	42·0	42·1	42·5	42·0	41·9	41·2	40·8	40·0	8
9	39·0	39·1	38·9	39·0	38·6	38·3	38·5	38·7	39·5	40·0	40·4	41·0	42·0	41·1	41·4	40·4	39·2	38·6	38·6	39·5	39·1	38·5	37·0	35·4	9
10	35·5	36·0	36·7	37·2	36·0	35·4	35·5	35·1	34·6	36·2	38·5	40·7	40·8	41·1	41·4	41·5	40·5	40·0	39·8	39·0	37·0	37·7	37·1	36·1	10
11	36·0	35·3	35·0	34·4	35·0	35·3	34·8	34·7	36·0	37·1	40·2	42·1	41·9	41·9	41·4	40·6	41·0	40·5	40·7	40·0	37·9	37·6	37·5	37·5	11
12	38·0	38·6	38·5	38·5	38·7	38·0	39·3	40·0	40·7	39·8	41·7	42·5	42·5	41·2	41·8	41·5	41·6	41·9	41·8	42·2	42·2	42·0	41·9	41·7	12
13	41·3	41·2	41·8	42·0	42·4	42·8	43·3	43·9	44·3	44·9	45·7	46·4	47·4	47·1	47·2	47·0	47·0	46·9	46·8	46·3	46·3	46·0	46·0	46·7	13
14	47·3	47·6	47·7	47·8	47·9	48·1	48·5	48·7	49·0	49·6	49·9	50·1	50·4	50·2	50·3	50·0	49·7	48·9	49·2	49·6	49·7	49·8	49·8	49·7	14
15	50·0	50·0	50·1	50·1	50·1	49·5	48·3	47·9	48·7	50·7	51·0	51·0	51·2	50·8	50·4	50·0	49·8	49·6	49·6	49·5	47·3	46·4	46·6	46·4	15
16	46·0	45·8	47·1	47·3	47·9	48·0	48·3	48·4	48·3	49·0	49·7	50·0	50·4	50·2	50·2	49·8	48·7	48·3	48·6	48·4	49·2	49·2	49·3	49·1	16
17	49·6	49·8	50·0	50·0	50·0	49·9	49·8	49·6	49·3	49·9	50·9	51·1	51·7	51·2	51·0	50·0	49·1	48·6	48·0	47·9	46·8	45·4	45·2	45·0	17
18	44·7	44·4	44·3	44·3	44·4	44·6	44·7	43·4	43·4	43·5	44·0	47·0	47·9	49·0	48·7	48·1	47·6	47·1	47·0	46·5	46·1	46·2	46·0	45·9	18
19	45·2	44·8	45·1	45·0	45·2	45·1	45·9	45·7	45·3	46·7	48·9	48·0	49·6	48·5	47·9	47·9	47·8	48·1	48·9	49·1	48·9	48·5	48·7	47·7	19
20	47·4	47·8	48·7	48·5	48·9	47·9	47·5	46·0	48·6	48·9	49·5	50·0	50·7	50·9	50·8	50·9	51·0	51·3	51·6	51·9	52·0	51·7	51·6	51·9	20
21	51·9	51·2	51·9	51·8	51·2	51·2	51·5	52·0	52·2	52·2	52·4	53·0	52·8	52·0	52·2	52·6	52·5	52·7	52·7	52·5	52·2	52·4	52·5	52·2	21
22	52·3	51·9	51·8	51·9	51·9	51·9	52·0	52·0	52·3	52·4	52·7	52·1	52·0	51·5	51·7	49·9	48·9	48·6	48·7	49·0	49·7	49·2	49·3	50·0	22
23	48·2	46·6	46·0	45·0	44·2	43·8	44·0	43·1	40·4	42·4	44·3	44·1	44·5	46·1	44·6	42·6	44·1	41·4	42·9	44·3	44·0	43·0	43·8	42·9	23
24	42·0	44·1	43·7	44·6	44·0	44·7	48·0	48·7	48·9	49·2	49·1	48·9	49·5	49·2	48·8	49·9	49·4	49·1	47·0	44·0	42·5	42·2	42·3	42·2	24
25	42·7	42·7	43·4	43·4	43·4	42·5	41·9	40·9	40·6	39·7	37·2	39·6	38·4	38·1	37·0	36·6	37·2	37·4	38·2	38·9	39·7	40·1	40·5	40·2	25
26	41·0	41·8	41·9	42·2	42·4	42·5	42·4	42·0	43·1	43·0	44·0	44·4	44·7	45·4	44·8	44·9	44·1	43·3	43·7	42·5	42·6	42·9	43·3	43·1	26
27	43·9	42·9	43·5	44·1	45·5	45·9	46·8	46·5	47·1	47·9	48·9	49·2	50·2	50·2	49·7	49·1	48·8	48·6	47·9	48·0	48·0	47·6	47·5	48·0	27
28	48·7	48·9	48·6	48·0	45·2	43·5	44·0	44·8	44·7	45·0	44·7	40·8	44·0	43·5	43·3	42·8	41·6	40·9	40·3	40·4	39·7	40·6	40·8	40·9	28
29	41·3	41·3	41·9	42·1	42·3	42·7	42·5	42·9	42·0	43·9	44·2	44·9	45·0	45·3	45·2	44·4	44·1	41·1	40·0	41·2	40·5	39·6	39·6	40·1	29
30	40·0	40·0	39·8	40·2	39·8	41·4	41·9	41·9	42·1	42·8	44·0	43·2	43·4	43·3	43·2	42·9	42·4	42·0	41·4	39·2	38·2	38·4	36·5	36·7	30
31	34·9	34·6	34·2	33·9	33·5	33·0	33·9	33·2	33·3	36·2	38·1	39·3	41·1	42·3	42·7	42·0	41·0	39·2	38·0	37·6	36·9	36·0	35·4	34·5	31

WET BULB THERMOMETER // FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
41·3	40·9	41·7	41·9	42·8	43·8	44·4	44·1	45·1	45·7	45·9	46·2	46·9	47·0	47·4	47·5	47·7	47·9	48·3	48·2	48·2	48·4	48·1	47·9	1
47·9	47·9	47·6	47·0	46·6	46·6	46·5	46·7	47·7	47·8	48·2	47·7	47·2	47·1	47·9	46·5	46·8	45·8	45·4	44·8	44·3	43·2	43·2	42·8	2
44·6	45·3	46·0	46·9	47·1	47·8	48·1	48·2	48·4	48·9	49·6	49·7	50·0	49·8	50·0	50·2	50·4	50·4	50·7	50·9	50·9	50·7	50·8	50·7	3
50·8	51·0	50·8	50·4	50·6	50·5	50·2	49·7	49·4	48·7	49·6	48·3	48·2	48·6	48·6	48·4	48·1	47·7	47·2	46·8	47·0	47·7	47·2	46·4	4
45·8	46·0	45·7	44·9	44·3	44·9	44·2	45·0	45·9	46·8	46·9	47·2	48·3	48·7	48·8	48·9	49·0	49·2	49·4	49·6	49·9	50·2	50·0	49·9	5
49·7	48·3	46·3	46·2	46·8	46·0	46·3	45·9	45·8	45·3	45·4	45·2	45·9	45·5	44·8	44·5	44·2	44·4	44·2	44·5	43·9	44·1	44·5	41·7	6
41·7	41·9	41·3	41·0	41·0	41·1	42·2	39·7	41·3	†40·0	40·8	40·0	41·6	41·0	40·9	40·3	40·0	39·7	40·0	40·7	40·2	39·5	39·2	39·2	7
39·6	38·2	38·0	37·9	37·5	·*	·*	†38·2	38·4	37·7	38·3	39·0	38·9	39·1	39·4	39·3	38·1	37·9	38·2	38·2	37·9	37·6	36·9	36·9	8
36·0	36·0	35·9	35·7	35·2	35·1	·*	†35·3	36·2	36·2	36·6	36·2	36·4	36·2	36·9	36·6	35·9	35·6	35·6	36·4	36·1	35·6	34·6	33·4	9
33·5	34·0	34·6	34·8	33·8	33·1	33·0	32·9	32·5	33·7	35·0	36·5	36·8	37·4	38·1	38·0	36·9	36·6	36·4	35·9	34·5	34·7	34·1	33·5	10
33·7	33·0	33·0	32·4	32·8	33·3	33·2	33·1	34·6	35·2	36·9	37·6	38·7	38·8	38·6	38·3	38·9	38·6	37·0	37·0	36·1	35·7	35·3	35·4	11
35·7	35·8	35·8	35·9	36·0	35·5	36·5	36·3	36·9	36·9	38·2	38·0	38·4	38·9	38·5	38·9	39·5	40·0	39·5	39·5	39·6	39·1	38·7	38·2	12
38·6	38·0	38·6	38·9	39·2	39·8	40·1	40·5	41·2	41·9	42·7	43·2	43·8	43·9	44·2	44·0	44·0	44·0	43·4	43·2	44·0	43·2	43·3	44·0	13
44·7	44·6	45·2	45·2	45·4	45·8	46·3	46·4	46·9	47·4	47·9	48·0	48·0	48·1	48·1	47·6	47·1	46·9	47·1	47·6	47·6	47·8	47·7	47·7	14
48·0	48·0	48·3	48·2	47·2	47·0	46·4	45·4	46·1	47·0	47·1	47·2	47·6	46·9	46·5	46·4	47·0	46·0	46·2	45·9	44·6	44·9	44·2	44·9	15
44·0	43·9	44·5	44·2	44·9	44·9	45·5	45·4	46·0	46·2	47·0	46·6	46·8	47·0	47·2	46·8	46·2	46·1	46·2	46·3	47·0	47·2	47·6	47·6	16
47·9	48·0	48·4	48·0	48·0	48·0	48·1	48·1	48·4	48·8	49·3	49·1	49·5	49·1	48·9	48·2	47·6	47·0	46·9	46·5	45·5	44·5	44·5	44·1	17
44·0	43·8	43·3	43·6	43·7	43·7	43·0	42·8	43·0	43·5	46·6	45·5	46·0	45·3	44·8	44·2	43·9	44·0	44·2	43·7	43·4	43·4	43·3	43·1	18
42·7	42·0	41·9	42·2	42·2	42·0	42·4	42·5	42·8	43·8	45·5	45·9	46·9	46·5	46·0	46·3	46·0	46·8	47·3	47·4	47·0	46·7	46·7	46·8	19
46·8	46·6	46·8	46·3	46·6	46·6	46·9	47·4	47·9	48·3	48·7	49·2	49·9	50·1	50·0	50·2	50·3	50·6	50·8	50·9	51·2	51·1	51·0	51·4	20
51·3	50·6	50·6	50·7	50·9	51·0	51·2	51·7	52·0	52·0	52·0	51·9	51·9	51·4	51·2	51·0	51·0	51·1	51·3	51·5	51·6	51·6	51·6	51·4	21
51·4	51·4	51·5	51·5	51·6	51·7	51·9	52·0	52·1	52·1	52·1	51·9	51·8	51·0	50·5	48·0	46·7	46·7	47·9	47·9	47·5	47·9	47·3	47·8	22
46·9	43·7	42·5	40·6	. . .	·*	. . .	†39·4	38·9	40·0	41·2	40·0	40·6	41·2	40·9	39·0	40·6	39·0	40·5	40·2	40·6	40·6	40·1	39·8	23
40·2	41·1	42·0	42·8	43·0	44·0	47·0	47·6	47·7	47·8	47·9	47·9	48·4	47·8	47·9	48·2	48·1	47·4	45·6	42·4	41·0	40·6	40·9	40·1	24
41·0	40·3	41·0	41·6	40·8	40·1	38·1	35·5	36·1	36·2	35·0	34·1	33·1	33·2	31·5	31·6	31·9	32·1	33·5	34·4	35·5	35·7	36·4	36·0	25
37·0	37·9	38·5	38·3	39·0	39·1	38·8	38·7	39·6	39·8	40·8	41·0	41·2	41·4	41·3	41·8	41·7	41·1	40·8	40·8	40·6	40·7	41·4	41·0	26
41·7	42·1	43·0	43·7	45·0	45·7	46·2	46·2	46·9	47·6	48·5	48·8	49·9	49·7	49·1	48·6	48·0	47·9	47·5	47·7	47·5	47·0	46·8	47·4	27
48·0	48·0	48·0	47·7	44·7	41·3	41·0	41·5	41·1	41·2	40·5	38·7	41·0	39·9	39·0	38·1	37·4	37·0	36·9	36·9	36·8	37·8	37·9	37·9	28
37·9	38·0	38·5	38·7	38·6	38·7	38·7	38·5	39·0	39·2	39·6	39·8	40·0	40·4	40·2	39·9	39·0	38·4	38·0	38·7	38·0	38·3	38·1	38·3	29
38·8	38·6	38·5	38·9	38·4	39·3	38·9	38·7	39·4	39·4	40·5	39·8	39·0	39·3	38·5	38·1	38·0	38·2	37·0	36·6	35·8	34·6	34·7	34·0	30
33·3	33·0	32·7	32·3	32·0	32·0	32·3	32·0	33·6	34·1	35·3	36·3	38·1	38·9	38·5	37·6	36·9	35·4	35·0	34·1	33·9	33·1	32·9	32·2	31

*Record defective or Instrument out of action. †Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50° 9' N. LONG: 5° 4' W.

HOURLY VALUES January 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS.
1	24	3	24	5.5	24	5.5	17	10.5	17	10.5	15	14	16	18	15	25	14	23	16	27	15	29	15	30	15	27	15	27	15	23	16	26	15	22	16	20	16	19	16	21	16	17	16	12	17	11	17	12	1
2	17	12	17	6.5	17	10.5	17	9.5	17	4.5	17	4	17	4	17	4	17	6.5	17	10.5	16	9.5	16	7.5	16	8.5	16	6.5	16	4.5	16	7.5	16	7.5	16	6.5	16	6.5	16	5.5	16	6.5	16	10.5	16	8.5	16	9.5	2
3	16	9.5	18	7.5	18	4.5	18	5.5	18	5.5	18	6.5	18	10.5	18	14	18	12	18	14	17	14	17	14	18	19	18	18	18	19	18	19	19	21	19	22	19	21	20	22	20	23	21	24	22	25	23	19	3
4	23	16	23	13	24	13	25	13	25	11	27	16	29	21	30	25	30	20	30	19	30	23	30	21	30	22	30	19	31	18	30	15	30	10.5	30	10.5	30	15	30	10.5	30	11	30	8.5	30	10.5	30	9.5	4
5	30	6.5	30	5.5	30	6.5	30	4	30	5.5	30	4	30	2	30	3	30	4	30	4	30	5.5	30	5.5	30	5.5	30	6.5	30	6.5	28	6.5	28	5.5	28	6.5	28	4	28	3	28	4.5	28	9.5	28	17	29	23	5
6	30	22	30	22	30	16	30	16	30	16	30	19	29	11	29	14	29	13	29	10.5	29	12	29	11	28	12	27	18	27	10.5	27	11	27	7.5	25	11	25	17	25	16	26	11	26	12	26	17	27	20	6
7	27	19	26	20	26	19	26	19	26	22	26	22	26	21	28	19	27	22	27	17	25	25	26	26	26	25	28	25	27	25	27	24	27	24	27	26	27	30	27	28	27	31	28	32	29	32	30	28	7
8	30	30	31	27	31	27	32	27	32	23	32	26	32	31	1	27	1	26	1	28	1	34	1	32	2	30	1	29	1	26	1	25	1	22	1	26	1	18	32	19	32	19	32	21	1	22	1	19	8
9	1	13	1	16	1	14	2	13	1	17	2	17	2	19	2	20	2	20	2	22	2	24	2	24	3	23	2	23	2	17	2	15	32	13	1	16	32	11	32	13	32	13	32	13	32	8.5	32	10.5	9
10	32	8.5	32	8.5	32	10.5	32	11	32	11	32	10.5	32	10.5	32	10.5	32	6.5	32	5.5	32	8.5	32	5.5	32	5.5	32	5.5	32	6.5	32	10.5	1	10.5	1	9.5	1	8.5	1	5.5	1	5.5	1	6.5	1	6.5	1	7.5	10
11	4	6.5	1	6.5	1	6.5	1	6.5	1	5.5	1	5.5	1	6.5	1	7.5	2	7.5	2	7.5	7	8.5	10	12	12	10.5	16	9.5	16	8.5	16	4.5	16	3	16	4	16	5.5	16	5.5	16	5.5	16	6.5	16	7.5	16	5.5	11
12	16	7.5	16	6.5	6	10.5	5	10.5	5	10.5	5	8.5	5	7.5	5	4.5	5	4	5	4	4	4	4	5.5	10	5.5	14	6.5	14	10.5	14	10.5	14	9.5	14	7.5	14	6.5	21	10.5	21	14	23	13	23	13	22	17	12
13	21	19	21	15	21	16	21	18	21	18	21	18	21	20	21	22	21	22	21	19	20	23	20	23	21	30	21	25	21	23	22	22	21	21	21	21	21	17	21	18	21	10.5	21	18	21	18	13
14	21	20	21	21	22	20	22	21	22	20	23	24	21	24	21	24	23	24	22	26	23	21	22	20	22	22	22	21	22	20	23	18	23	17	23	17	23	18	24	23	23	18	23	19	24	20	14
15	24	24	25	24	25	22	24	25	24	23	24	21	24	21	24	19	25	20	25	19	25	26	25	23	25	26	25	20	26	19	26	19	25	18	26	14	26	15	25	17	24	17	24	20	25	19	25	19	15
16	25	19	25	15	25	17	25	17	26	15	26	12	25	12	24	12	25	11	25	12	25	16	26	15	26	19	26	20	26	20	25	21	25	21	25	23	26	18	26	19	26	19	26	17	26	17	26	15	16
17	26	16	26	18	27	16	27	15	27	13	28	14	28	16	28	17	28	12	28	11	‡	‡14	‡	‡15	27	‡15	27	14	27	13	27	11	27	11	27	9.5	27	10.5	27	11	28	10.5	28	11	28	12	28	12	17
18	28	14	28	13	28	15	28	14	28	14	28	12	28	8.5	28	2	28	3	28	3	27	4.5	27	5.5	27	6.5	27	8.5	27	9.5	27	4.5	27	6.5	27	4.5	27	3	27	4	27	3	27	3	27	3	27	3	18
19	27	4.5	27	6.5	25	7.5	25	3	25	2	25	3	25	2	25	4	25	4	25	4.5	17	11	15	12	16	15	16	17	16	14	16	15	17	18	16	17	16	19	17	21	17	23	17	25	17	26	17	25	19
20	18	21	19	22	19	23	19	27	19	25	20	24	19	20	19	20	20	20	19	17	18	24	19	22	20	23	19	23	18	21	19	27	19	27	19	26	19	29	19	32	19	30	20	30	20	31	20	31	20
21	19	31	19	33	19	34	20	36	20	33	20	35	20	34	20	38	20	38	20	34	20	36	20	35	21	39	21	39	20	39	21	39	20	35	20	41	21	40	21	38	21	40	21	38	21	35	21	36	21
22	21	39	21	36	21	36	31	37	21	35	21	37	21	34	21	30	21	27	21	30	21	32	22	29	22	32	23	28	24	30	24	32	24	22	23	24	22	28	22	32	22	32	23	33	22	32	22	35	22
23	25	37	25	34	25	37	25	37	25	34	25	35	24	34	24	32	24	35	25	35	25	39	25	40	25	38	25	39	24	39	25	38	25	39	26	43	25	41	26	40	26	35	26	35	26	29	26	30	23
24	27	27	26	29	25	31	25	29	25	21	24	17	25	36	25	44	26	34	26	31	25	36	25	34	25	50	25	53	25	49	25	49	25	40	26	41	28	32	29	29	29	28	29	20	26	16	27	11	24
25	27	8.5	27	13	27	16	27	23	27	30	26	40	27	38	28	38	27	36	28	31	27	43	29	48	27	50	29	45	29	45	29	41	28	37	28	33	27	35	28	32	28	32	28	33	28	33	27	29	25
26	28	33	28	32	29	27	28	26	28	29	28	25	29	25	29	22	29	20	28	17	28	17	28	15	28	16	28	14	28	8.5	28	6.5	28	6.5	28	5.5	28	6.5	28	6.5	28	5.5	28	5.5	27	7.5	27	7.5	26
27	18	9.5	18	10.5	17	14	16	14	16	9.5	16	10.5	16	6.5	16	4.5	16	6.5	16	6.5	17	11	18	10.5	18	14	21	18	22	16	22	15	22	10.5	22	11	22	9.5	21	8.5	21	9.5	20	15	19	15	18	15	27
28	18	13	18	10.5	18	4.5	24	9.5	29	31	30	31	28	31	28	25	28	24	26	22	27	23	25	23	26	19	27	23	27	22	27	20	28	17	27	12	27	13	26	16	26	15	26	15	26	15	26	19	28
29	26	18	26	17	26	22	26	23	27	21	27	21	28	18	29	18	30	15	28	14	29	17	29	17	29	17	28	15	28	12	28	11	28	7.5	28	6.5	28	4.5	28	2	27	4.5	27	2	27	3	27	4	29
30	27	4.5	27	4.5	1	6.5	1	5.5	1	5.5	7	9.5	8	10.5	8	‡12	‡8	‡12	‡8	‡10.5	8	14	8	13	8	14	8	13	8	12	8	13	8	12	8	7.5	8	9.5	5	11	5	10.5	5	7.5	5	8.5	5	6.5	30
31	5	6.5	3	6.5	3	6.5	1	9.5	1	8.5	1	7.5	1	7.5	1	8.5	1	5.5	1	8.5	1	9.5	1	6.5	1	12	1	18	1	16	1	15	3	14	3	15	3	17	3	23	3	19	3	20	3	19	3	18	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.005	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.005	.	.005	.	.	.	.005	.	.	.005	.015	.010	.055	.010	.020	.035	.045	.035	.035	3
4	.010	.015	.005	.	.005	.	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.015	.015	.045	.055	.070	.015	.005	.030	.005	.	.	.005	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.005	.	.005	.	.	.005	.	.065	.	.005	.	.	.025	.	.005	.010	.	.040	.	.020	.010	.010	.030	.040	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.005	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
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18	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.010	.	.005	.	.005	.010	.060	.060	.005	.010	.005	.015	.015	.005	.005	.005	.	.	.005	.005	.	.015	.010	.	20
21	.	.005	.	.005	.	.010	.005	.005	.005	.010	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	21
22	.020	.005	.020	.025	.050	.030	.010	.030	.030	.020	.005	.030	.015	.010	.005	.	.	.	.005	.015	.	.015	.	.	22
23	.125	.	.	.	.	.	.	.005	.015	.005	.020	.005	.005	.	.015	.005	.040	.060	.035	.	.005	.040	.	.	23
24	.050	.010	.045	.015	.100	.050	.100	.070	.060	.020	.010	.060	.130	.060	.080	.030	.055	.105	.010	.010	.	.	.010	.	24
25	.	.	.	.020	.020	.020	.010	.015	.005	.	.005	.005	.	.015	.005	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.025	.	.	.	.	26
27	.010	.010	.010	.005	.010	.025	.	.005	.	.	.	.	.010	.020	.	.	.	.	.	.	.	.	.	.	27
28	.005	.025	.110	.080	.060	.010	.005	.	.	.005	.	.060	.010	.060	.	.	.	.	.	.	.	.	.	.	28
29	.005	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31
	.000	.245	.075	.200	.160	.255	.170	.195	.260	.120	.080	.045	.180	.225	.175	.165	.125	.175	.275	.075	.125	.060	.125	.090	.090
	5 v	10 v	7 *																					5 v	5 v

v Record defective or Instrument out of action. * Obtained from reading of Standard. * Approximate.

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
.252	.236	.253	.242	.248	.255	.255	.245	.264	.276	.275	.280	.290	.293	.300	.298	.300	.306	.314	.309	.310	.316	.312	.311	1
.311	.311	.307	.299	.298	.300	.298	.302	.316	.312	.314	.301	.292	.292	.307	.282	.296	.291	.285	.283	.273	.264	.260	.261	2
.278	.287	.298	.313	.315	.320	.322	.328	.329	.337	.349	.352	.351	.352	.352	.358	.358	.359	.365	.368	.370	.366	.370	.367	3
.369	.371	.368	.359	.365	.364	.355	.349	.341	.325	.338	.326	.324	.325	.328	.322	.320	.317	.314	.311	.313	.321	.314	.308	4
.303	.303	.303	.298	.286	.292	.289	.292	.306	.315	.310	.314	.330	.337	.339	.341	.341	.345	.348	.353	.358	.360	.358	.357	5
.354	.330	.298	.300	.292	.281	.288	.281	.277	.266	.264	.260	.272	.268	.260	.264	.264	.267	.269	.265	.257	.269	.275	.213	6
.227	.278	.218	.218	.231	.228	.244	.237	.239	.218	.214	.220	.227	.221	.223	.219	.210	.223	.210	.224	.214	.209	.215	.213	7
.207	.197	.195	.194	.193	*	*	† .194	.198	.186	.191	.196	.191	.193	.200	.209	.192	.187	.189	.193	.194	.194	.192	.187	8
.181	.180	.180	.176	.171	.172	*	† .172	.180	.175	.179	.167	.165	.166	.176	.179	.177	.178	.178	.184	.182	.179	.175	.169	9
.171	.175	.178	.177	.172	.164	.161	.161	.160	.168	.169	.175	.179	.186	.196	.194	.183	.182	.181	.179	.174	.171	.166	.166	10
.170	.162	.164	.160	.161	.168	.170	.170	.186	.185	.185	.183	.203	.205	.205	.206	.213	.213	.183	.189	.193	.189	.183	.185	11
.185	.182	.183	.184	.184	.182	.187	.177	.181	.189	.195	.186	.192	.211	.200	.209	.220	.226	.218	.214	.216	.209	.203	.195	12
.195	.196	.202	.205	.207	.213	.214	.216	.225	.232	.241	.244	.245	.251	.255	.253	.253	.254	.243	.245	.261	.248	.250	.257	13
.265	.259	.271	.270	.273	.280	.288	.288	.296	.300	.308	.308	.305	.310	.309	.300	.292	.297	.298	.305	.304	.307	.305	.306	14
.309	.309	.316	.313	.290	.292	.292	.273	.281	.279	.278	.280	.288	.276	.292	.273	.288	.269	.273	.269	.267	.264	.278	.273	15
.265	.265	.263	.254	.262	.261	.272	.268	.278	.280	.290	.278	.278	.284	.289	.284	.283	.284	.284	.288	.296	.301	.309	.311	16
.312	.312	.312	.309	.309	.310	.315	.317	.328	.330	.332	.325	.327	.323	.321	.314	.311	.303	.307	.298	.289	.283	.285	.277	17
.279	.278	.273	.275	.276	.273	.269	.264	.271	.277	.298	.275	.276	.264	.258	.251	.250	.253	.263	.254	.250	.252	.251	.247	18
.245	.235	.230	.237	.235	.232	.234	.237	.246	.263	.267	.275	.289	.292	.286	.293	.288	.303	.306	.307	.299	.297	.294	.309	19
.312	.302	.297	.288	.290	.300	.314	.319	.325	.331	.334	.339	.350	.352	.351	.354	.356	.360	.361	.359	.366	.368	.366	.373	20
.370	.361	.352	.356	.368	.371	.373	.380	.385	.385	.382	.371	.374	.372	.363	.353	.354	.354	.359	.368	.374	.371	.370	.369	21
.368	.373	.378	.376	.378	.381	.385	.388	.387	.385	.387	.384	.383	.368	.352	.310	.292	.295	.324	.320	.302	.317	.301	.304	22
.305	.252	.235	.207	. . .	*	. . .	† .203	.220	.221	.225	.202	.204	.210	.222	.201	.215	.212	.226	.206	.216	.226	.209	.212	23
.229	.225	.247	.254	.265	.279	.309	.316	.316	.314	.319	.321	.326	.314	.322	.315	.320	.307	.289	.252	.240	.235	.243	.225	24
.237	.224	.230	.243	.226	.222	.193	.158	.174	.178	.180	.146	.141	.167	.133	.131	.132	.133	.149	.156	.167	.166	.170	.170	25
.180	.189	.200	.193	.203	.204	.200	.202	.207	.211	.220	.220	.221	.219	.222	.230	.237	.233	.233	.236	.230	.229	.239	.233	26
.239	.258	.271	.280	.293	.305	.306	.310	.321	.326	.336	.340	.356	.351	.341	.337	.325	.325	.323	.327	.322	.315	.311	.319	27
.326	.323	.327	.327	.290	.235	.224	.226	.219	.218	.209	.212	.224	.208	.196	.185	.183	.181	.184	.183	.189	.198	.196	.196	28
.193	.195	.200	.201	.197	.195	.197	.190	.207	.197	.197	.195	.197	.202	.199	.200	.208	.203	.207	.208	.202	.217	.213	.212	29
.222	.218	.219	.222	.217	.217	.206	.203	.213	.206	.215	.209	.193	.199	.190	.188	.190	.198	.197	.188	.183	.181	.180	.174	30
.171	.169	.168	.163	.161	.168	.163	.165	.174	.175	.177	.183	.198	.202	.192	.184	.178	.169	.173	.167	.164	.160	.160	.156	31
							.8.050													.7.975				
							0.260																	
																				0.257				

Meteorological Office,
116. Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°.51' N LONG. 2°.28' W

HOURLY VALUES January 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	29·887	29·884	29·885	29·869	29·859	29·849	29·845	29·839	29·831	29·830	29·829	29·808	29·794	29·780	29·776	29·772	29·750	29·734	29·746	29·758	29·756	29·755	29·758	29·758	1
2	·772	·806	·826	·830	·836	·844	·880	·904	·916	·934	·956	·948	·940	·951	·940	·946	·946	·946	·950	·934	·926	·914	·903	·882	2
3	·860	·850	·830	·798	·770	·762	·748	·744	·726	·708	·688	·668	·626	·614	·607	·596	·554	·542	·524	·508	·490	·472	·472	·468	3
4	·472	·482	·490	·500	·512	·532	·550	·578	·606	·638	·653	·659	·660	·669	·685	·711	·719	·747	·761	·761	·775	·789	·779	·777	4
5	·772	·775	·778	·769	·763	·759	·753	·751	·745	·739	·728	·710	·688	·670	·656	·648	·622	·620	·616	·608	·596	·600	·596	·590	5
6	·578	·574	·568	·566	·560	·558	·570	·586	·590	·586	29·583	29·563	29·538	29·511	29·489	29·465	29·439	·396	·377	·350	·317	·303	·281	·255	6
7	·213	·187	·161	·145	·115	·086	·069	·051	·035	·015	28·997	28·969	28·958	28·951	28·955	28·968	28·997	·039	·077	·127	·157	·195	·237	·277	7
8	·303	·343	·385	·417	·433	·459	·483	·527	·537	·567	29·586	29·598	29·611	29·634	29·646	29·680	29·700	·716	·740	·760	·778	·784	·790	·800	8
9	·812	·824	·838	·830	·840	·850	·856	·882	·896	·900	·910	·906	·904	·900	·904	29·905	29·922	29·924	29·930	29·930	29·932	29·926	29·930	29·930	9
10	29·932	29·934	29·928	29·924	29·924	29·924	29·928	29·940	29·956	29·972	29·968	29·983	29·972	29·982	29·993	30·005	30·012	30·028	30·036	30·060	30·070	30·082	30·090	30·096	10
11	30·110	30·122	30·134	30·140	30·144	30·150	30·154	30·170	30·186	30·201	30·198	30·192	30·184	30·186	30·196	·194	·196	·204	·208	·212	·218	·220	·216	·214	11
12	·214	·220	30·218	30·212	30·202	30·198	30·196	30·196	30·202	·202	·201	·181	30·165	30·147	·139	·137	·131	30·123	·119	·099	·089	30·081	30·071	30·055	12
13	30·035	30·019	29·997	29·981	29·965	29·959	29·957	29·987	29·995	30·001	30·003	30·005	29·995	29·991	30·001	30·009	30·008	29·999	30·006	30·009	30·006	29·991	29·989	29·963	13
14	29·943	29·923	·903	·863	·819	·789	·781	·797	·807	29·809	29·808	29·799	·790	·782	29·779	29·782	29·780	·776	29·776	29·789	29·794	·798	·860	·802	14
15	·802	·806	·822	·818	·804	·806	·810	·816	·820	·828	·827	·819	·811	·813	·805	·813	·799	·815	·811	·815	·815	·801	·797	·797	15
16	·793	·779	·779	·767	·765	·747	·729	·719	·711	29·713	29·719	29·717	29·713	29·735	29·779	29·783	29·815	29·819	29·827	29·863	29·851	29·865	29·883	29·899	16
17	29·907	29·905	29·927	29·943	29·951	29·959	29·967	29·981	29·991	30·005	30·014	30·016	30·006	30·006	30·005	30·016	30·022	30·022	30·036	30·042	30·046	30·054	30·054	30·064	17
18	30·064	30·066	30·066	30·058	30·062	30·054	30·062	30·072	30·084	·084	·089	30·085	30·077	30·067	30·073	30·073	30·071	30·073	30·079	30·076	30·075	30·073	30·073	30·069	18
19	30·059	30·051	30·043	30·033	30·031	30·023	30·019	30·021	30·013	30·004	29·992	29·984	29·962	29·952	29·936	29·930	29·916	29·902	29·886	29·876	29·862	29·856	29·844	29·836	19
20	29·812	29·786	29·762	29·734	29·702	29·680	29·680	29·704	29·732	29·760	29·789	·799	·798	·791	·777	·771	·714	·697	·651	·615	·572	·555	·563	·561	20
21	·503	·499	·501	·481	·481	·459	·469	·475	·471	·467	·465	·451	·413	·409	·390	·371	·341	·333	·315	·297	·291	·297	·317	·351	21
22	·376	·407	·441	·467	·499	·511	·531	·549	·547	·553	·542	·512	·474	·430	·390	·364	·348	·341	·336	·342	·324	·280	·208	·152	22
23	·151	·154	·152	·150	·164	·162	·148	·148	·152	·152	·149	·128	·100	·073	29·041	29·041	29·033	·017	·015	·023	·031	·037	·039	29·043	23
24	29·039	29·041	29·035	29·021	29·021	29·019	29·029	·023	·033	·039	·052	·046	·020	·009	28·992	28·996	28·996	·016	·026	·024	·022	·022	·006	28·996	24
25	28·966	28·932	28·904	28·896	28·882	28·950	28·980	·036	·042	·065	·088	·104	·100	·124	29·098	29·098	29·104	·120	·154	·184	·216	·266	·296	29·344	25
26	29·374	29·406	29·444	29·462	29·488	29·514	29·536	·566	·590	·622	·610	·626	·628	·638	·642	·662	·654	·672	·676	·672	·672	·670	·672	·674	26
27	·662	·656	·650	·640	·630	·630	·626	·616	·606	·584	·565	·536	·506	·506	·496	·482	·464	·448	·430	·406	·394	·372	·339	·312	27
28	·288	·260	·228	·212	·204	·219	·236	·252	·248	·270	·284	·294	·304	·334	·336	·368	·390	·416	·432	·454	·474	·478	·500	·508	28
29	·516	·532	·548	·566	·577	·592	·622	·652	·664	·692	·715	·725	·723	·733	·741	·756	·771	·785	29·791	29·795	29·797	29·805	29·808	29·813	29
30	29·821	29·839	29·845	29·847	29·855	29·865	29·879	29·903	29·921	29·939	29·938	29·949	29·946	29·950	29·958	29·978	29·990	29·996	30·004	30·008	30·020	30·026	30·038	30·044	30
31	30·054	30·058	30·068	30·074	30·090	30·104	30·118	30·130	30·150	30·164	30·176	30·174	30·176	30·178	30·182	30·192	30·204	30·226	30·228	30·240	30·248	30·254	30·248	30·246	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	39·1	39·1	39·4	39·0	39·5	39·3	39·1	38·0	37·9	39·0	39·7	40·3	41·0	41·8	41·2	40·9	40·9	40·4	41·2	41·8	41·9	42·4	42·5	42·9	1
2	43·0	43·1	43·1	43·2	43·8	43·0	42·1	41·6	41·1	39·5	41·3	43·2	43·8	43·9	42·3	39·6	38·8	38·9	39·0	39·2	40·0	41·0	42·8	42·9	2
3	44·1	45·1	45·7	45·5	45·4	45·0	44·7	44·7	45·2	46·1	47·2	48·2	49·0	49·0	48·0	47·9	47·0	47·1	47·8	47·8	47·9	47·5	47·5	47·4	3
4	47·1	46·9	46·2	46·1	46·2	47·1	46·1	46·4	46·7	46·6	47·1	47·4	47·5	47·0	46·1	45·2	44·3	43·8	43·8	43·6	43·7	43·2	43·2	43·1	4
5	43·3	43·0	43·1	42·9	42·4	42·8	42·6	42·8	42·9	43·6	44·0	44·1	44·2	44·4	44·6	44·4	44·1	44·1	44·7	44·9	45·0	45·0	46·0	45·8	5
6	45·6	45·9	45·9	45·7	45·0	44·3	44·1	43·8	43·7	43·5	43·8	43·8	43·9	42·2	41·9	41·0	40·6	40·8	41·9	39·0	39·8	39·9	39·2	39·0	6
7	39·0	38·2	38·5	38·2	38·3	37·9	38·1	38·4	37·2	37·9	39·3	40·2	40·4	38·2	38·5	37·8	37·7	36·9	36·1	36·4	37·0	36·4	37·2	37·8	7
8	37·1	36·0	36·8	36·9	37·0	37·8	37·4	38·2	38·2	38·9	40·0	40·3	40·4	39·9	38·9	38·6	38·0	37·7	37·0	36·7	36·8	36·0	36·9	36·0	8
9	35·2	35·9	35·0	34·8	35·3	35·0	34·5	35·1	34·8	35·0	36·9	36·9	37·8	37·6	37·0	35·3	35·3	35·1	34·0	33·0	33·9	33·0	31·4	32·0	9
10	31·3	31·7	34·5	32·9	32·7	31·0	31·4	30·3	31·0	32·9	33·8	34·1	36·8	37·2	38·1	35·3	33·7	33·2	31·4	31·0	31·4	29·3	31·0	31·8	10
11	32·0	32·3	33·1	30·9	31·1	31·0	30·7	30·2	31·0	30·8	32·3	33·0	33·3	36·9	35·9	35·0	35·0	35·1	35·3	35·0	35·3	34·5	35·0	35·0	11
12	35·1	35·1	34·9	34·3	35·1	34·9	35·0	35·2	35·1	35·9	37·9	38·0	39·1	38·7	38·4	38·1	38·0	38·0	38·1	37·0	36·9	37·0	37·9	38·9	12
13	38·8	39·7	39·8	40·6	40·8	42·0	42·9	43·0	41·8	40·5	42·2	42·9	43·1	42·0	42·6	41·2	40·4	40·2	41·2	41·9	42·1	43·2	42·5	41·9	13
14	43·0	43·2	44·8	45·0	44·9	45·3	46·0	46·1	46·0	46·0	46·1	46·0	46·8	46·9	47·1	47·0	46·9	46·9	47·2	46·9	46·9	47·2	46·9	46·9	14
15	46·4	46·3	46·4	47·0	47·0	47·0	47·0	47·0	47·1	47·4	47·8	47·4	46·9	46·7	46·2	46·1	45·9	45·9	47·0	46·7	47·0	47·0	47·0	46·9	15
16	46·8	46·1	45·8	45·2	45·9	46·0	46·0	46·2	46·1	46·5	47·0	47·8	47·8	46·6	45·9	45·5	45·0	44·7	44·1	43·9	43·7	43·2	43·0	41·2	16
17	41·2	40·4	41·8	41·4	41·3	42·0	42·0	41·9	40·8	42·1	43·3	42·8	43·4	43·1	43·1	42·2	41·9	42·0	40·7	37·9	36·3	36·5	37·0	37·0	17
18	37·0	37·0	37·8	37·0	36·8	38·0	37·6	37·6	38·8	38·6	40·2	40·3	41·2	43·0	43·1	42·9	42·4	42·9	43·0	42·2	42·0	41·9	40·7	40·5	18
19	41·0	40·9	39·6	40·0	39·9	40·2	40·3	40·2	40·4	40·9	41·4	42·1	42·3	42·9	43·1	42·8	42·2	42·0	42·0	42·1	42·1	42·0	41·4	41·3	19
20	41·2	41·6	42·1	42·0	43·0	43·2	45·4	46·0	45·6	44·9	44·9	45·2	45·1	45·6	45·5	45·6	45·2	44·9	46·2	47·4	48·9	49·9	49·1	48·4	20
21	48·8	50·0	51·0	52·0	52·4	50·8	50·4	50·1	49·9	49·9	50·4	51·4	51·2	50·9	51·1	50·2	50·0	49·7	49·9	50·4	50·1	50·6	50·6	49·6	21
22	50·1	45·5	43·4	41·1	40·8	38·8	39·0	39·1	40·7	40·9	41·6	41·8	41·2	41·8	41·9	41·6	42·0	44·3	43·1	42·0	41·0	40·7	42·8	43·7	22
23	43·2	42·2	41·3	40·6	37·9	38·1	37·9	38·0	38·1	38·6	39·2	39·0	39·4	39·2	39·1	38·2	37·5	37·9	37·1	37·9	37·1	37·9	37·7	36·9	23
24	37·2	37·2	37·9	37·8	38·1	37·0	35·5	33·9	34·2	35·0	36·9	37·1	37·0	37·0	36·0	36·2	35·9	35·8	36·2	36·2	35·1	34·4	34·8	33·3	24
25	33·5	35·6	35·9	32·2	32·9	28·5	26·1	27·1	28·7	28·0	27·9	28·1	28·8	29·9	28·8	32·7	35·0	36·8	37·9	38·1	38·1	37·4	37·0	37·4	25
26	37·1	36·5	35·0	33·1	35·9	35·9	34·6	35·7	34·0	38·0	37·9	38·3	38·3	39·0	37·8	37·7	34·8	34·4	34·7	32·9	32·7	32·0	31·8	31·8	26
27	31·5	32·0	33·8	33·7	34·2	35·5	35·9	35·2	35·8	35·9	35·8	35·8	35·9	35·7	35·6	35·8	35·9	36·4	36·9	36·7	37·2	37·6	37·9	38·1	27
28	38·6	38·9	39·7	40·3	41·3	39·1	39·2	38·2	39·0	39·9	39·8	38·8	37·7	36·2	37·1	36·9	36·1	35·1	35·9	35·6	35·0	35·5	34·2	34·9	28
29	35·9	35·0	35·9	34·8	35·2	33·1	33·9	32·9	34·0	35·5	37·8	38·8	39·9	40·2	40·4	39·7	36·9	36·7	33·1	33·2	31·6	32·1	30·9	29·6	29
30	29·1	28·1	28·0	27·6	26·6	26·5	26·2	26·0	27·0	29·5	31·9	35·0	36·9	38·9	38·9	38·3	36·6	34·0	35·0	33·2	33·4	33·9	31·9	32·0	30
31	32·7	31·7	31·0	31·1	30·6	30·1	30·0	30·2	31·4	33·8	36·5	38·0	38·5	39·6	38·9	37·7	35·8	33·2	33·6	32·9	30·6	30·9	29·1	29·2	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	39·0	39·0	39·0	38·7	39·0	39·0	38·5	37·1	37·0	37·8	38·2	39·0	39·4	40·0	39·9	39·8	39·7	39·3	40·2	40·9	41·1	41·9	42·0	42·3	1
2	42·8	43·0	43·0	43·0	42·9	42·6	41·4	41·0	40·0	39·0	40·2	40·9	42·2	42·0	41·6	38·8	38·1	38·3	38·3	38·9	39·0	40·4	42·0	42·4	2
3	44·8	44·8	44·9	44·8	44·5	44·0	43·7	43·6	44·2	45·0	45·9	46·7	47·3	47·5	46·9	46·8	46·8	46·9	47·1	47·2	47·3	47·2	47·2	47·1	3
4	47·0	46·8	46·1	45·9	46·0	46·3	45·3	45·7	45·8	45·3	46·0	46·1	46·0	45·7	44·4	43·7	43·0	42·2	42·3	42·1	42·3	42·0	42·1	42·1	4
5	42·2	42·0	42·1	41·9	41·9	42·0	42·0	42·0	42·2	42·9	43·4	43·2	43·7	43·9	44·0	44·0	43·9	44·0	44·3	44·7	44·9	44·9	45·8	45·1	5
6	45·0	45·2	45·0	44·8	43·9	43·2	43·3	42·8	42·6	42·2	42·5	42·1	41·9	40·8	40·2	39·6	39·0	39·4	40·5	37·6	38·2	37·7	37·8	37·2	6
7	37·1	36·9	36·8	36·8	36·5	36·0	36·4	36·9	36·1	37·1	38·1	38·8	39·1	37·0	37·0	36·9	35·8	34·6	34·8	35·2	35·0	35·6	36·0	36·0	7
8	34·9	34·9	35·0	35·3	35·1	35·9	35·8	36·1	35·0	36·0	37·0	36·9	36·9	36·8	35·9	35·1	34·6	34·6	34·2	34·2	33·9	33·9	33·9	33·2	8
9	33·0	33·1	32·8	32·9	33·0	33·0	32·9	33·0	33·0	33·2	34·0	33·9	34·1	34·2	33·9	32·6	32·2	31·9	31·0	30·3	30·4	30·5	29·8	30·2	9
10	29·7	31·9	32·0	31·0	31·0	29·8	29·9	29·0	29·9	31·1	31·0	32·3	34·4	34·9	35·3	33·2	31·9	31·3	29·8	29·9	29·8	28·1	30·0	30·2	10
11	30·4	31·0	31·9	30·0	30·3	30·0	29·9	29·7	30·8	30·1	31·7	32·0	32·1	33·9	33·5	33·5	33·8	34·0	34·0	33·9	34·0	33·2	33·5	33·6	11
12	33·9	33·9	33·3	33·1	34·2	33·9	34·0	34·1	34·2	34·9	35·9	36·1	37·0	36·9	36·9	37·0	37·0	37·0	36·9	35·9	35·5	35·8	36·3	37·0	12
13	37·8	38·2	38·9	40·0	40·2	41·9	42·6	42·5	40·1	39·3	40·7	40·8	40·9	40·0	39·7	39·0	38·9	39·0	39·9	40·3	40·0	41·0	41·0	41·0	13
14	42·9	42·8	44·2	44·8	44·6	45·0	45·8	45·9	46·0	46·1	46·0	45·8	45·4	45·8	45·9	45·7	45·1	46·2	46·9	46·9	46·8	46·6	46·8	46·3	14
15	46·0	46·0	46·0	46·9	46·9	46·9	46·9	47·0	47·0	47·0	47·1	47·0	46·1	45·9	45·8	45·1	44·9	44·9	45·4	46·0	46·0	46·0	46·1	45·9	15
16	45·8	45·4	44·8	44·2	44·2	44·1	44·8	44·3	45·0	45·8	46·2	47·1	47·1	45·8	44·8	43·3	42·2	42·0	41·9	42·0	40·1	39·9	39·8	39·0	16
17	39·1	39·0	40·1	39·9	39·9	40·0	40·1	39·8	39·0	39·6	40·5	39·9	40·9	41·0	41·1	41·0	40·9	40·9	39·5	36·9	35·8	35·8	36·1	36·2	17
18	36·0	36·1	36·5	35·9	35·4	37·0	36·1	36·3	37·9	37·9	39·6	39·8	40·8	42·2	42·9	42·2	42·0	42·8	42·9	42·0	41·9	41·6	40·2	40·0	18
19	40·2	40·1	39·0	39·3	39·0	39·8	39·9	39·8	39·8	39·7	39·9	40·0	40·0	40·1	40·5	40·5	40·1	40·0	40·3	40·6	40·2	40·1	39·9	39·9	19
20	39·8	40·0	40·9	41·0	41·9	42·9	45·0	45·5	45·0	43·9	43·9	43·9	43·8	43·9	43·5	43·1	43·0	43·0	44·0	44·8	46·2	47·5	47·2	46·7	20
21	47·1	48·3	49·0	49·8	49·7	48·9	48·9	48·7	48·9	49·0	49·1	49·3	49·9	49·7	49·9	49·7	49·3	49·4	49·4	49·3	50·4	50·1	49·1	49·2	21
22	49·2	43·9	42·1	40·0	39·8	38·0	38·4	38·7	39·9	39·2	39·9	39·9	40·2	40·6	41·1	41·0	41·6	44·1	42·8	40·0	39·6	39·2	40·9	42·9	22
23	41·4	39·5	38·3	36·9	35·2	35·0	34·7	35·0	34·9	35·2	35·9	36·1	36·2	35·8	35·5	34·5	34·9	34·2	34·7	34·2	34·2	34·2	34·3	34·0	23
24	34·0	34·1	34·4	34·4	34·7	34·4	33·9	33·0	33·2	33·9	34·9	34·8	35·0	35·6	34·7	35·0	34·2	34·3	34·8	33·1	33·1	32·9	33·8	32·9	24
25	32·9	33·4	33·1	·*	31·5	28·2	23·2	23·3	- - -	·*	·*	- - -	24·9	26·9	27·8	31·7	33·8	34·0	36·0	36·9	34·7	34·0	33·8	33·6	25
26	33·3	33·0	32·5	31·0	32·5	32·6	31·8	32·2	31·5	34·0	33·9	34·3	34·6	35·0	34·8	34·5	32·7	32·4	32·9	31·0	30·9	30·2	30·0	29·9	26
27	29·9	30·3	31·2	31·4	32·0	33·1	33·8	33·9	34·1	34·6	34·2	34·4	34·8	34·7	34·7	34·8	34·9	35·4	35·9	35·9	36·1	36·6	37·0	37·4	27
28	38·0	38·6	39·1	39·9	40·6	38·0	38·8	37·8	37·8	38·9	38·2	36·8	35·3	34·8	35·2	34·0	34·8	33·2	33·9	34·0	33·3	33·9	32·9	33·1	28
29	33·8	33·4	34·2	33·3	34·0	32·3	33·1	32·0	33·0	34·1	35·3	35·8	36·9	37·0	37·0	36·4	34·7	34·8	32·0	31·3	30·5	30·8	29·3	28·2	29
30	27·7	26·9	26·5	26·0	25·4	25·4	24·9	24·8	25·2	26·9	29·0	31·8	·*	34·6	35·0	34·4	33·1	31·9	32·0	30·7	30·4	31·2	29·9	·*	30
31	30·3	29·7	29·0	28·9	28·6	28·5	28·6	28·9	30·0	31·8	33·4	35·1	34·9	34·9	34·7	34·0	32·9	31·2	31·1	30·7	29·0	·*	28·0	28·0	31

*Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51' N. LONG: 2°28' W.

HOURLY VALUES January 1878.

WIND

DIRECTION IN NUMBERS { 8=E 24=W / 16=S 32=N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V	DAYS
1	25	4	24	4.5	24	4	24	2	24	2	24	2	24	2	24	4	24	4	24	4	20	4.5	19	5.5	18	5.5	18	4.5	18	9.5	18	7.5	18	6.5	18	8.5	19	6.5	20	5.5	20	5.5	20	7.5	20	7.5	21	8.5			1
2	22	11	23	7.5	23	4.5	23	6.5	23	5.5	23	6.5	16	4.5	21	4	28	4.5	29	2	29	2	29	2	29	4	21	2	21	4	21	3	21	2	21	3	21	2	21	2	21	4	21	4	21	4			2
3	20	10.5	20	7.5	19	8.5	18	9.5	18	10.5	20	9.5	20	9.5	20	7.5	19	9.5	20	10.5	19	12	19	13	20	13	20	11	21	7.5	20	10.5	20	9.5	20	7.5	18	10.5	18	9.5	18	8.5	18	4	18	4	18	3			3
4	18	3	18	4.5	18	6.5	18	5.5	18	6.5	2	8.5	2	4.5	2	7.5	3	7.5	2	8.5	4	7.5	3	5.5	2	6.5	3	11	3	12	3	13	3	11	1	10.5	4	8.5	3	8.5	3	6.5	3	7.5	3	6.5	3	5.5			4
5	3	5.5	3	4.5	3	4	3	4.5	3	4.5	3	4	3	3	3	2	3	2	3	5.5	16	4	16	6.5	19	7.5	19	4.5	19	5.5	19	6.5	19	5.5	19	6.5	20	7.5	20	9.5	21	9.5	21	7.5	24	11	23	10.5			5
6	22	9.5	23	16	24	20	25	22	25	17	25	19	23	13	23	11	23	15	23	16	22	18	23	16	23	19	23	16	23	16	22	18	22	13	20	13	21	22	24	23	23	19	23	21	22	12	22	17			6
7	22	18	22	16	23	21	22	14	22	14	23	16	23	16	22	18	23	16	22	13	22	14	23	16	22	19	25	16	26	8.5	27	3	28	4.5	3	8.5	2	10.5	1	8.5	3	7.5	3	7.5	1	15	2	11			7
8	3	13	3	10.5	2	15	2	7.5	2	12	1	16	1	17	1	14	1	16	1	15	1	20	1	18	1	24	1	21	1	22	31	20	30	17	31	19	30	19	31	17	32	16	32	13	29	11	30	15			8
9	30	13	29	12	32	10.5	1	10.5	30	10.5	31	16	31	8.5	28	11	30	10.5	31	8.5	31	11	1	7.5	30	9.5	31	12	32	11	31	6.5	31	6.5	28	10.5	28	7.5	32	5.5	30	6.5	30	4	28	2	28	3			9
10	28	4.5	29	4	29	7.5	28	3	28	3	23	4	23	4	23	2	23	3	23	2	23	3	23	3	18	4	18	2	18	3	18	4	18	3	18	4	18	4	18	2	18	2	15	2	15	15	15	15			10
11	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	2	15	15	15	2	21	7.5	22	4	22	4.5	22	3	22	3	22	3	22	4	22	2	22	3	22	2			11
12	27	2	27	3	27	3	27	2	27	15	27	15	27	2	27	2	27	2	27	4	27	4	27	4	22	6.5	21	7.5	22	8.5	22	7.5	22	7.5	22	6.5	22	9.5	21	6.5	21	6.5	20	9.5	21	10.5	20	12			12
13	20	11	20	13	20	13	20	14	20	13	20	19	21	20	23	16	23	14	22	12	22	18	23	19	23	25	23	20	22	24	21	16	20	11	20	9.5	20	10.5	21	11	22	17	21	16	21	11	20	7.5			13
14	21	14	20	11	21	21	20	18	20	17	21	24	22	28	22	20	22	19	22	20	21	21	22	21	22	23	21	22	21	20	22	19	22	20	22	25	22	23	23	23	23	20	23	23	24	26	23	25			14
15	24	23	23	22	23	13	23	17	24	19	24	17	23	19	23	16	23	19	23	20	23	22	24	22	23	18	22	21	22	24	22	23	23	22	22	18	22	20	22	19	22	17	22	22	23	28	20	30	*		15
16	23	26	22	26	22	24	22	25	22	20	22	25	22	24	22	26	22	26	23	29	23	31	24	32	24	31	24	24	20	10.5	26	18	25	13	25	19	26	21	25	15	27	30	27	27	26	17	13	9.5			16
17	23	9.5	23	7.5	11	7.5	16	8.5	16	9.5	23	9.5	24	8.5	25	8.5	25	10.5	25	10.5	26	9.5	27	8.5	25	5.5	23	8.5	24	7.5	24	4	24	4	24	2	24	4	28	4	28	2	28	2	28	3	28	3			17
18	28	3	28	3	28	3	28	4	28	3	28	2	28	3	28	15	28	15	28	2	28	3	28	15	28	2	27	3	27	3	27	2	27	2	27	2	27	3	27	3	27	2	27	3	27	2	27	4			18
19	25	5.5	25	4	25	2	25	2	25	2	25	15	25	2	25	2	25	2	25	3	19	5.5	19	8.5	18	13	18	10.5	18	7.5	20	6.5	19	6.5	19	7.5	19	7.5	18	8.5	18	5.5	18	8.5	17	10.5	17	15			19
20	17	16	16	19	16	21	16	21	16	30	16	25	18	23	21	19	22	22	21	15	21	15	21	18	21	15	20	10.5	19	8.5	19	8.5	17	9.5	18	9.5	19	15	18	20	18	20	19	21	20	19	20	20			20
21	19	18	18	20	19	17	19	22	19	22	19	19	20	22	20	24	19	20	20	22	20	23	19	23	19	24	20	23	20	23	20	24	20	24	21	28	20	28	20	26	20	24	21	33	21	33	22	26			21
22	23	27	24	21	24	15	22	13	22	4.5	24	3	24	2	24	3	24	4.5	9	9.5	9	8.5	8	5.5	8	7.5	8	5.5	8	4.5	5	5.5	5	3	22	20	21	22	22	25	21	12	20	8.5	18	12	19	26			22
23	22	26	22	28	22	32	22	33	23	32	22	30	21	26	22	31	22	29	22	30	22	27	22	33	22	32	22	35	22	36	23	32	23	36	23	37	23	32	24	35	23	37	24	36	23	34	24	36			23
24	24	36	24	36	24	35	24	35	24	30	25	25	25	27	25	24	25	20	25	15	24	9.5	22	9.5	20	7.5	23	10.5	26	13	24	10.5	26	10.5	26	6.5	25	8.5	26	9.5	25	9.5	25	9.5	23	11	27	14			24
25	27	15	24	23	24	23	27	24	24	20	30	25	31	7.5	28	5.5	25	12	27	15	27	18	26	15	27	24	27	18	26	12	26	16	27	19	27	17	26	19	27	27	27	25	27	22	27	21	28	16			25
26	27	18	28	11	21	5.5	20	4.5	26	9.5	27	8.5	27	9.5	26	6.5	23	7.5	25	10.5	29	17	30	7.5	27	5.5	29	4.5	17	4.5	22	3	20	2	20	2	20	3	20	3	20	4	20	4	20	4.5	20	4			26
27	28	4	28	4	28	3	28	4	28	4	28	5.5	16	11	15	8.5	15	6.5	14	5.5	13	7.5	13	16	13	13	12	10.5	14	8.5	12	4.5	11	4.5	12	6.5	14	5.5	12	6.5	15	11	14	8.5	14	5.5	15	7.5			27
28	16	13	19	5.5	17	11	17	14	21	15	25	16	24	11	22	9.5	24	12	24	13	26	16	26	17	26	24	26	18	25	18	26	14	25	11	24	7.5	26	11	25	7.5	25	6.5	25	8.5	25	6.5	24	11			28
29	26	9.5	26	8.5	25	8.5	26	7.5	26	4.5	21	4	21	4.5	21	4	21	5.5	22	4	26	8.5	27	7.5	27	5.5	26	5.5	26	5.5	26	4	26	3	26	4	27	3	28	5.5	17	4	17	3	17	4.5	17	4.5			29
30	17	5.5	17	6.5	17	6.5	17	4.5	17	5.5	17	5.5	17	4.5	17	4.5	17	6.5	17	5.5	17	4.5	17	4.5	17	4	17	4.8	14	3	14	3	14	2	14	3	14	2	14	3	14	3	14	2	14	4	14	2			30
31	14	3	14	4	14	4.5	2	4.5	4	4.5	4	3	4	2	4	4	4	3	4	4	3	4	4	5.5	4	8.5	2	6.5	2	5.5	2	7.5	1	8.5	12	3	2	3	2	4.5	2	2	2	3	2	2	2	2			31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1										.005												.030	.050	.040	1
2	.040	.015	.002	.003						.005															2
3																	.010	.040	.070	.080	.050	.030	.050	.050	3
4	.030	.020	.010			.002	.002			.002															4
5																		.035	.010	.010	.027	.050	.027	.030	.021		5
6		.010		.007	.003		.005		.004	.015			.010		.002	.003	.050			.020	.002				.002	6
7	.002	.002				.040	.040	.007	.040	.030			.010	.060	.020										7
8				.020	.002	.002	.002		.002	.002															8
9																									9
10																									10
11																									11
12																									12
13	.010	.002	.040	.070	.080	.020	.005	.015	.002	.002															13
14	.025	.035	.110	.105	.150	.040	.060	.002	.002	.006			.070	.110	.100	.035	.060	.015	.005	.005					14
15		.018	.002	.025	.015	.010			.080	.050	.022	.035	.014											.002	.002	15
16		.004	.002	.002	.002	.005				.005		.010	.025	.005											16
17																									17
18																									18
19																									19
20				.030	.015	.010	.020	.002	.002	.002														.070	.120	20
21	.070	.022				.002	.002		.005	.121	.105	.005						.040	.135	.040	.020		.020	.040	21
22										.007						.015	.025	.035	.025	.040	.010			.050	22
23	.125	.003			.030	.005	.002					.024	.001												23
24						.025		.015	.025	.071 Snow						.005									24
25			.010	.010		.005				.085 Snow								.015	.003	.005	.005				25
26											.005	.010	.020	.030	.050	.015	.070	.075	.045	.085	.005	.010			26
27																									27
28	.005	.020	.050	.050	.065	.020	.020		.002	.003	.002	.003	.005	.005	.030										28
29										.005															29
30																									30
31																									31
	307	151	216	312	370	156	161	026	139	230	134	133	194	215	162	148	180	225	295	250	109	100	213	307	
	7	10*																							

Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
.237	.237	.233	.232	.232	.233	.227	.210	.209	.214	.214	.223	.223	.227	.231	.232	.230	.226	.237	.245	.248	.260	.261	.263	1
.273	.276	.276	.275	.265	.268	.253	.250	.234	.232	.237	.230	.250	.246	.255	.227	.222	.225	.224	.234	.226	.244	.257	.265	2
.293	.293	.289	.289	.283	.275	.272	.270	.278	.286	.293	.300	.305	.310	.307	.305	.318	.320	.315	.317	.318	.321	.321	.320	3
.322	.319	.311	.308	.308	.305	.293	.299	.297	.287	.297	.295	.292	.291	.273	.266	.261	.250	.252	.250	.254	.253	.255	.256	4
.256	.255	.256	.254	.260	.257	.257	.257	.260	.268	.274	.269	.278	.281	.280	.283	.285	.287	.286	.293	.297	.297	.306	.291	5
.292	.293	.288	.286	.273	.266	.271	.263	.260	.254	.257	.248	.243	.239	.230	.227	.219	.225	.236	.210	.213	.203	.212	.203	6
.201	.204	.200	.202	.196	.191	.196	.202	.200	.211	.217	.220	.224	.206	.204	.208	.208	.197	.185	.185	.186	.189	.191	.192	7
.179	.191	.184	.188	.184	.190	.191	.190	.171	.182	.189	.184	.183	.187	.180	.170	.167	.174	.168	.171	.165	.173	.164	.161	8
.163	.161	.161	.164	.162	.164	.168	.163	.166	.168	.166	.164	.161	.163	.163	.155	.149	.146	.139	.135	.130	.139	.140	.141	9
.139	.149	.152	.148	.150	.144	.142	.136	.146	.150	.149	.161	.174	.178	.177	.166	.157	.151	.143	.146	.140	.128	.148	.143	10
.145	.154	.164	.149	.155	.148	.151	.156	.154	.153	.171	.167	.166	.164	.168	.174	.180	.183	.181	.182	.181	.174	.174	.176	11
.181	.181	.171	.174	.187	.183	.184	.184	.187	.192	.189	.190	.198	.200	.202	.207	.208	.208	.205	.198	.192	.196	.196	.200	12
.216	.214	.226	.237	.241	.265	.269	.266	.229	.227	.237	.231	.231	.225	.214	.213	.220	.224	.231	.232	.224	.232	.239	.246	13
.275	.271	.283	.294	.290	.295	.306	.308	.306	.308	.301	.305	.297	.306	.308	.304	.279	.304	.320	.321	.319	.314	.315	.307	14
.306	.307	.306	.321	.321	.321	.321	.323	.322	.317	.315	.317	.302	.301	.303	.288	.288	.286	.293	.288	.298	.301	.297		15
.296	.288	.285	.278	.270	.267	.265	.270	.286	.300	.302	.315	.315	.298	.284	.255	.237	.236	.241	.245	.210	.211	.211	.213	16
.215	.222	.229	.229	.230	.225	.227	.222	.217	.217	.222	.215	.228	.233	.235	.243	.244	.243	.229	.207	.204	.202	.202	.204	17
.200	.202	.201	.198	.191	.208	.196	.199	.218	.220	.237	.239	.251	.259	.274	.260	.262	.274	.275	.265	.265	.259	.243	.240	18
.230	.238	.231	.232	.227	.241	.241	.241	.238	.230	.229	.224	.222	.216	.224	.227	.225	.225	.230	.236	.229	.227	.229	.230	19
.229	.229	.242	.245	.253	.273	.294	.299	.292	.274	.274	.271	.270	.267	.260	.250	.251	.254	.263	.266	.281	.299	.302	.298	20
.302	.317	.323	.330	.323	.323	.328	.326	.333	.342	.338	.338	.341	.338	.329	.330	.335	.342	.343	.346	.342	.350	.356	.343	21
.338	.268	.253	.234	.233	.220	.226	.231	.237	.220	.227	.225	.237	.245	.248	.250	.258	.286	.272	.225	.227	.222	.235	.267	22
.240	.214	.200	.182	.177	.172	.169	.173	.170	.168	.177	.183	.181	.176	.173	.163	.176	.161	.176	.161	.167	.161	.164	.166	23
.163	.165	.164	.165	.167	.172	.178	.177	.178	.182	.181	.178	.182	.193	.188	.191	.180	.182	.187	.158	.165	.169	.182	.182	24
.180	.168	.162	.-*	.158	.148	.064	.057	05.7	.-*	.-*	...	.069	.095	.129	.165	.180	.167	.174	.172	.167	.162	.162	.156	25
.153	.154	.156	.146	.151	.153	.148	.147	.148	.157	.157	.160	.164	.164	.172	.168	.161	.162	.166	.148	.148	.141	.139	.137	26
.141	.143	.144	.149	.154	.163	.173	.180	.179	.187	.181	.184	.190	.191	.192	.191	.192	.196	.199	.202	.200	.205	.209	.215	27
.222	.231	.232	.241	.245	.217	.232	.220	.214	.225	.213	.197	.181	.187	.185	.166	.188	.167	.174	.179	.170	.178	.172	.167	28
.173	.172	.180	.172	.182	.172	.179	.168	.176	.182	.180	.180	.188	.187	.185	.182	.178	.182	.166	.151	.154	.152	.134	.127	29
.121	.118	.110	.104	.108	.110	.101	.102	.094	.099	.119	.145	.-*	.159	.165	.161	.155	.154	.148	.143	.134	.143	.136	.-*	30
.127	.134	.127	.124	.123	.127	.130	.135	.144	.155	.160	.175	.167	.163	.161	.159	.157	.149	.144	.143	.132	.-*	.129	.127	31
								6.600												6.586				
								0.213												0.212				

Meteorological Office,
116. Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28′ N LONG. 0°19′ W

HOURLY VALUES January 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·322	30·337	30·341	30·329	30·324	30·314	30·315	30·317	30·315	30·312	30·301	30·278	30·270	30·264	30·259	30·254	30·251	30·237	30·235	30·241	30·248	30·254	30·270	30·256	1
2	·253	·259	·268	·262	·266	·269	·283	·299	·320	·343	·342	·333	·330	·337	·342	·347	·354	·367	·365	·367	·363	·366	30·368	30·359	2
3	30·355	30·342	30·330	30·319	30·301	30·293	30·300	30·285	30·282	30·254	30·241	30·214	30·198	30·168	30·147	30·127	·122	·100	·072	·056	·035	·005	29·985	29·959	3
4	29·938	29·921	29·903	29·875	29·864	29·860	29·862	29·873	29·885	29·903	29·914	29·919	29·924	29·942	29·967	29·990	·009	·038	·055	·070	·082	·103	30·115	30·118	4
5	30·126	30·134	30·142	30·142	30·124	30·136	30·142	30·150	30·155	30·156	30·152	30·123	30·111	30·105	30·104	30·091	30·077	30·072	30·070	30·063	30·051	30·043	30·031	30·020	5
6	30·016	30·011	30·004	29·997	29·993	29·993	29·995	30·000	30·003	30·006	30·005	29·988	29·974	29·958	29·944	29·922	29·911	29·902	29·896	29·874	29·845	29·822	29·817	29·789	6
7	29·760	29·732	29·706	·680	·648	·622	·610	29·598	29·584	29·562	29·536	·501	·478	·458	·447	·437	·432	·427	·420	·424	·431	·445	·459	·472	7
8	29·485	29·519	29·543	29·563	29·591	29·619	29·653	29·687	29·711	29·738	29·759	29·771	29·788	29·794	29·820	29·840	29·861	29·882	29·904	29·932	29·947	29·963	29·975	29·992	8
9	30·006	30·027	30·041	30·050	30·051	30·076	30·091	30·113	30·129	30·148	30·150	30·154	30·157	30·160	30·172	30·185	30·200	30·214	30·224	30·235	30·241	30·238	30·238	30·237	9
10	·241	·250	·247	·239	·242	·234	·239	·248	·261	·276	·283	·276	·270	·274	·290	·307	·318	·342	·358	·384	·406	·430	·445	·465	10
11	·482	·503	·516	·527	·530	·549	·560	·571	·592	·603	·600	·597	·592	·594	·601	·612	·621	·630	·634	·642	·649	·649	·650	·652	11
12	·650	·652	·650	·640	·634	·634	·637	·645	·654	·662	·649	·630	·622	·613	·614	·614	·617	·617	·622	·621	·616	·613	·610	·603	12
13	·599	·598	·582	·581	·572	·566	·565	·564	·566	·566	·563	·544	·530	·520	·527	·522	·528	·533	·530	·527	·523	·518	·518	·510	13
14	·504	·500	·474	·461	·430	·418	·417	·400	·384	·383	·382	·353	·327	·312	·312	·309	·292	·290	·284	·289	·287	·282	·276	·264	14
15	·256	·253	·263	·260	·254	·256	·264	·268	·274	·283	·289	·279	·270	·258	·257	·259	·258	·260	·267	·266	·270	·262	·262	·261	15
16	·260	·257	·255	·255	·257	·252	·252	·256	·252	·245	·233	·215	·193	·176	·179	·182	·185	·201	·206	·219	·235	·247	·269	·283	16
17	·283	·301	·313	·317	·327	·333	·341	·357	·367	·387	·389	·388	·379	·382	·387	·393	·407	·410	·418	·422	·421	·427	·432	·437	17
18	·438	·438	·441	·444	·444	·445	·448	·463	·470	·483	·486	·478	·478	·478	·479	·480	·476	·480	·479	·485	·484	·483	·482	·480	18
19	·482	·478	·473	·467	·464	·462	·468	·475	·481	·476	·466	·456	·441	·430	·431	·424	·418	·414	·410	·398	·398	·394	·397	·396	19
20	·374	·373	·366	·345	·344	·332	·328	·328	·334	·340	·354	·331	·331	·331	·336	·324	·320	·314	30·341	30·297	30·278	30·245	30·259	30·233	20
21	30·224	30·217	30·187	30·165	30·149	30·129	30·118	30·109	30·115	30·076	30·097	30·081	30·063	30·056	30·037	30·025	30·029	30·011	29·999	29·995	29·986	29·973	29·959	29·959	21
22	29·960	29·959	29·963	29·959	29·957	29·959	29·965	29·981	29·987	29·995	29·982	29·970	29·943	29·916	29·900	29·874	29·870	29·854	·855	·866	·868	·872	·867	·833	22
23	·805	·772	·746	·752	·758	·768	·784	·812	·807	·797	·791	·772	·743	·716	·693	·688	·661	·639	·629	·603	·603	·599	·597	·597	23
24	·591	·589	·585	·573	·568	·558	·547	·540	·532	·520	·510	·497	·479	·444	·423	·409	·397	·404	·409	·415	·430	·441	·446	·451	24
25	·448	·450	·438	·412	·384	·361	·344	·342	·337	·377	·407	·410	·428	·446	·472	29·497	29·516	29·534	29·557	29·571	29·574	29·582	29·592	29·610	25
26	29·638	29·678	29·704	29·735	29·754	29·796	29·830	29·868	29·896	29·925	29·944	29·951	29·962	29·975	29·986	30·007	30·031	30·053	30·061	30·072	30·080	30·083	30·085	30·085	26
27	30·086	30·092	30·088	30·082	30·085	30·080	30·089	30·096	30·094	30·085	30·082	30·066	30·052	30·039	30·033	30·016	30·006	29·990	29·977	29·954	29·937	29·913	29·892	29·860	27
28	29·828	29·802	29·783	29·755	29·740	29·721	29·714	29·710	29·702	29·698	29·693	29·685	29·703	29·715	29·724	29·731	29·749	29·786	29·812	29·845	29·871	29·893	29·916	29·928	28
29	29·936	29·948	29·958	29·971	29·981	29·992	30·015	30·035	30·044	30·064	30·079	30·078	30·078	30·084	30·088	30·106	30·118	30·131	30·142	30·150	30·152	30·154	30·158	30·162	29
30	30·166	30·170	30·175	30·178	30·182	30·188	·199	·223	·236	·248	·252	·255	·246	·246	·259	·280	·296	·318	·323	·324	·327	·342	·355	·363	30
31	30·368	30·372	30·376	30·378	30·382	30·396	30·414	30·428	30·436	30·452	30·459	30·459	30·456	30·449	30·455	30·463	30·477	30·496	30·516	30·528	30·542	30·543	30·548	30·550	31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	33·0	33·3	33·1	32·6	32·1	31·5	32·0	31·1	30·0	33·0	36·1	37·6	39·1	41·0	42·0	41·9	41·9	41·6	41·8	41·6	42·0	41·9	42·2	42·2	1
2	42·9	43·0	43·0	42·9	43·1	42·9	43·3	43·8	44·0	44·6	44·6	45·5	46·9	47·0	47·1	47·0	46·3	45·7	45·6	45·0	44·0	44·1	43·6	43·5	2
3	43·5	44·0	44·7	45·0	45·3	45·0	45·0	44·9	44·0	44·4	45·7	46·0	47·2	46·7	47·0	46·8	46·0	46·0	46·0	46·0	45·9	45·3	45·0	45·2	3
4	45·9	45·8	45·8	45·9	46·0	46·0	46·3	46·9	47·2	47·4	47·6	48·0	47·6	47·5	46·8	45·7	45·4	45·1	45·0	44·5	44·1	43·9	43·5	43·5	4
5	43·6	43·5	43·2	43·2	43·0	43·0	43·0	43·0	43·2	43·8	44·0	44·5	45·0	45·5	45·5	44·9	44·6	44·9	45·0	44·7	44·7	44·7	44·7	44·6	5
6	44·8	44·9	45·0	45·0	45·1	45·2	45·7	44·7	44·0	44·9	46·0	46·9	47·3	47·9	47·0	45·6	44·7	44·8	44·8	43·9	43·3	43·0	43·9	43·9	6
7	40·9	41·0	40·5	39·4	39·1	39·2	38·9	39·0	39·0	39·8	41·0	42·1	43·0	42·4	41·1	40·3	39·9	39·5	38·4	37·0	35·5	35·7	36·1	35·2	7
8	36·0	37·2	37·3	37·5	37·1	37·4	36·4	36·1	36·4	37·8	39·4	39·8	41·0	41·5	40·3	38·9	36·0	37·5	37·1	37·2	37·1	36·6	36·0	35·8	8
9	35·0	34·8	34·7	34·6	35·0	34·5	34·9	35·0	35·0	36·0	37·1	38·2	38·8	39·2	38·5	37·3	36·0	36·0	36·3	36·3	36·3	36·1	35·6	35·6	9
10	35·0	34·0	33·6	34·0	34·1	34·9	35·6	35·3	36·1	37·2	38·3	39·8	40·0	40·7	39·8	39·0	38·9	38·8	38·1	37·7	37·0	35·1	33·6	32·7	10
11	32·0	32·0	30·1	30·1	29·0	28·2	28·4	26·8	28·0	29·9	33·6	36·7	37·9	36·5	33·5	32·8	31·0	30·8	30·1	29·0	27·3	26·4	29·0	28·7	11
12	30·0	30·0	30·4	30·5	30·5	31·0	31·0	31·1	32·0	32·6	33·2	33·8	34·0	34·2	34·5	34·5	33·8	34·1	33·7	34·0	34·1	34·3	34·7	34·8	12
13	34·9	34·7	35·0	35·1	35·3	36·0	37·2	37·9	39·0	39·5	40·0	40·3	42·1	42·9	43·1	43·3	43·6	43·9	43·9	44·1	45·1	44·4	45·2	45·2	13
14	45·5	45·5	45·0	44·0	44·0	44·6	43·9	44·0	46·1	46·1	47·2	48·4	49·5	51·1	50·5	49·7	48·9	48·8	49·0	48·9	48·9	48·7	49·1	49·0	14
15	48·8	48·9	49·5	48·9	48·9	48·6	48·7	48·1	47·6	50·0	51·0	51·2	52·0	53·0	52·8	52·2	51·1	50·0	48·1	45·8	45·7	47·0	47·5	47·5	15
16	46·1	45·3	47·0	47·1	45·4	43·0	43·1	43·9	45·0	45·6	49·1	50·0	50·4	50·7	51·0	50·6	49·9	49·8	49·1	48·5	48·4	47·2	48·8	47·0	16
17	45·7	45·7	45·2	44·1	42·4	40·6	40·0	40·9	40·8	42·9	44·8	45·7	46·2	46·0	45·3	44·2	43·7	41·5	41·0	41·0	41·1	41·7	41·8	41·8	17
18	41·8	41·3	41·2	40·2	39·0	39·6	38·4	37·0	36·5	35·8	37·8	40·1	42·7	43·2	42·8	41·8	40·0	37·2	35·0	35·9	36·1	36·2	37·0	37·6	18
19	37·6	38·4	37·8	38·2	37·7	37·8	37·3	37·8	38·6	39·9	41·2	42·8	44·4	45·0	45·0	44·0	42·0	41·1	41·1	42·1	42·1	42·1	42·0	41·9	19
20	42·1	42·7	43·1	42·5	42·7	43·1	44·0	44·1	45·0	45·2	45·9	46·2	46·5	46·1	46·1	46·2	46·5	46·0	46·7	46·9	47·0	47·3	47·6	48·2	20
21	48·9	49·0	49·2	49·8	50·5	50·9	51·0	51·0	51·1	51·6	52·5	53·1	54·5	54·4	54·3	54·0	53·7	53·3	53·1	53·1	53·0	53·3	53·4	53·9	21
22	54·1	52·8	53·1	52·6	52·2	52·2	52·1	52·0	52·3	52·7	53·2	54·0	54·2	53·6	53·6	52·8	53·0	51·1	49·7	49·2	48·3	47·9	46·9	46·9	22
23	48·0	48·7	49·0	46·4	45·1	43·5	42·8	41·9	41·1	42·0	42·8	43·0	39·5	44·0	44·4	38·1	39·5	40·0	38·8	38·9	37·9	37·5	37·5	36·9	23
24	37·1	37·0	36·5	36·5	37·0	37·0	38·0	38·9	39·0	40·0	41·1	41·4	41·8	42·3	42·0	41·1	40·2	39·9	40·0	39·5	39·2	38·6	36·3	36·0	24
25	35·9	34·9	35·1	36·1	36·5	37·0	35·1	35·6	36·0	35·5	33·7	34·6	34·0	32·1	32·0	31·9	31·5	32·0	30·0	30·0	30·8	31·0	33·7	36·1	25
26	38·0	37·8	37·8	37·0	36·2	36·1	36·0	35·5	35·5	37·0	38·5	40·1	41·3	41·2	41·0	40·0	39·1	38·0	36·7	36·8	36·9	35·0	33·7	32·3	26
27	32·9	32·8	33·0	32·0	31·0	30·2	30·2	30·0	31·7	33·5	36·1	37·8	39·0	38·8	37·9	37·1	37·3	37·6	37·3	37·9	38·3	38·8	38·9	39·6	27
28	40·0	40·5	41·1	41·6	42·2	42·8	43·0	43·1	43·3	43·0	43·0	42·9	39·0	38·2	39·0	39·9	40·3	39·7	38·2	36·4	35·8	34·5	34·1	34·0	28
29	33·6	33·2	33·0	33·0	32·8	32·6	32·4	31·0	33·7	35·3	37·8	39·6	40·0	40·7	40·6	39·7	38·2	36·7	35·1	34·8	33·0	33·0	32·2	32·3	29
30	32·0	30·9	30·1	30·2	30·8	31·0	30·2	30·9	32·1	33·2	36·0	37·2	38·3	38·6	38·8	38·2	36·1	35·0	34·1	33·3	32·3	32·1	32·2	33·1	30
31	32·2	32·1	32·3	32·7	32·9	32·1	31·9	31·8	32·0	33·1	34·6	35·1	37·3	39·0	39·0	37·6	36·8	35·0	35·1	35·0	35·4	36·0	36·0	35·8	31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	32·5	33·1	33·0	32·1	32·0	31·2	31·7	31·0	·*	·*	35·6	36·8	38·0	39·7	40·2	40·1	40·0	39·9	39·9	39·9	40·0	40·1	40·8	40·7	1
2	41·1	41·5	41·6	41·7	42·0	42·1	42·7	43·0	43·2	44·0	44·0	45·0	46·1	46·2	46·5	46·2	45·8	45·1	45·1	44·9	43·7	43·9	43·2	43·2	2
3	43·3	43·7	44·5	44·9	45·1	44·5	44·3	44·1	43·1	43·0	43·7	43·7	44·3	44·0	45·0	44·9	45·0	45·0	45·2	45·2	45·0	44·6	44·3	44·8	3
4	45·0	45·0	45·0	45·0	45·2	45·2	45·7	46·0	46·1	46·9	47·0	47·1	47·2	47·1	47·0	47·0	46·1	45·1	45·0	44·7	44·6	44·0	43·8	43·2	4
5	42·9	42·8	42·9	42·9	42·6	42·4	42·0	42·1	42·6	43·0	43·4	43·6	44·0	44·0	44·1	44·1	44·0	44·0	44·1	44·0	44·0	44·0	44·0	44·0	5
6	44·0	44·1	44·3	44·7	44·9	45·0	43·9	43·5	43·7	44·3	44·3	45·0	45·6	44·5	43·6	41·1	41·1	41·5	42·0	42·1	41·7	40·7	40·7	40·2	6
7	39·6	39·5	38·7	38·0	37·8	37·9	37·4	37·1	37·4	38·0	38·9	38·8	38·9	38·8	38·7	38·6	38·7	38·2	37·4	36·0	35·0	35·0	35·2	34·8	7
8	35·0	36·2	36·0	36·2	36·0	36·0	35·0	35·0	35·1	36·2	37·5	37·6	38·0	38·0	38·0	36·9	35·0	35·4	35·1	35·4	35·0	34·0	34·0	33·7	8
9	33·6	33·3	33·5	33·4	33·6	33·1	33·4	33·4	33·5	34·0	34·8	34·9	35·0	35·9	35·6	35·0	34·5	34·4	35·0	35·0	35·0	35·1	35·0	34·1	9
10	34·0	33·1	32·7	32·5	32·8	33·0	33·1	33·7	34·1	35·1	36·0	37·4	37·3	37·8	38·0	37·5	37·2	37·0	37·2	37·0	36·5	35·5	33·7	32·1	10
11	30·1	30·0	29·0	29·4	28·3	28·0	28·1	26·5	27·7	29·5	31·0	33·2	33·1	33·2	32·1	31·8	30·6	30·5	29·9	29·0	27·4	26·2	28·8	28·2	11
12	29·1	29·0	29·4	29·6	29·5	30·0	30·0	30·1	31·0	31·2	·*	32·2	32·8	32·7	32·8	33·0	32·5	32·7	32·3	32·2	32·9	32·7	32·6	32·9	12
13	33·0	33·0	33·1	33·0	33·2	34·0	35·0	35·1	36·1	37·0	37·9	38·0	39·9	40·3	41·0	41·1	41·2	41·9	41·9	42·1	43·0	42·4	43·0	43·1	13
14	43·1	43·1	43·0	42·1	41·8	41·9	41·6	42·1	43·1	44·2	45·1	46·1	47·0	47·6	47·0	46·1	45·5	45·6	46·4	46·4	46·7	46·8	47·2	47·1	14
15	47·0	47·1	47·5	47·0	46·9	46·7	46·9	46·7	46·4	47·8	48·3	48·7	49·1	49·7	48·7	48·2	47·6	46·9	45·5	44·2	44·0	44·6	44·9	44·8	15
16	44·0	43·7	44·7	44·8	43·5	42·0	42·0	42·5	43·0	43·2	44·9	45·5	46·6	46·9	47·4	47·5	47·2	47·5	47·2	47·0	46·9	46·0	46·5	43·2	16
17	42·0	41·3	41·9	40·5	39·8	39·0	38·1	38·4	38·2	39·6	40·9	41·7	42·0	41·9	41·6	41·0	40·5	39·4	39·3	39·0	39·7	40·1	40·4	40·5	17
18	40·7	40·5	40·4	39·8	39·2	39·0	37·7	36·5	36·0	37·5	38·3	38·7	40·6	41·0	40·2	39·7	38·9	36·6	36·5	35·5	35·4	35·9	36·1	36·9	18
19	37·0	37·1	37·0	37·5	37·0	37·5	36·8	37·0	37·8	39·0	39·6	40·9	41·9	42·5	42·1	41·1	40·0	39·9	40·0	41·0	40·9	40·8	40·5	40·4	19
20	40·0	40·3	40·6	40·4	40·0	41·5	42·2	42·3	42·5	42·3	42·8	43·2	44·0	44·0	44·5	44·5	44·7	45·0	45·3	45·8	46·0	46·1	46·2	46·7	20
21	47·1	47·6	48·0	48·7	49·3	49·4	49·0	49·0	49·4	50·0	50·7	51·2	51·7	51·5	51·9	51·7	51·2	51·0	50·5	50·1	50·1	50·3	50·6	50·9	21
22	51·1	51·3	51·4	51·5	51·5	51·5	51·3	51·0	51·3	51·8	52·0	52·0	52·1	52·2	52·0	51·8	51·5	51·1	50·9	47·2	46·0	46·2	44·3	44·7	22
23	45·2	45·3	46·0	43·5	40·8	39·6	37·9	36·8	38·3	39·0	38·9	38·0	38·9	38·3	36·7	37·2	37·4	35·8	36·1	35·5	35·0	34·7	33·7	34·0	23
24	33·7	33·7	33·6	33·8	33·9	34·1	35·0	35·2	35·8	36·5	37·3	37·5	37·2	37·7	37·6	37·3	37·3	37·0	36·7	36·3	36·2	35·6	34·2	34·6	24
25	34·2	33·6	34·0	34·8	35·6	35·5	34·5	33·8	33·0	32·0	29·3	·*	28·8	27·5	27·0	26·5	26·8	27·6	29·0	29·0	29·6	30·0	·*	·*	25
26	34·4	34·8	34·7	34·0	33·5	33·3	33·0	32·9	32·9	33·7	35·0	36·0	37·0	36·9	36·9	36·4	36·0	35·1	34·8	34·4	34·4	33·7	32·3	31·4	26
27	32·1	32·0	32·3	31·2	30·5	·*	·*	·*	29·5	·*	·*	35·0	36·1	36·5	36·7	36·7	36·2	36·4	36·7	36·2	36·9	37·2	37·5	37·9	27
28	39·1	40·0	40·5	41·0	41·9	42·2	42·5	42·8	42·8	42·3	42·3	42·2	38·0	37·4	38·1	39·1	38·9	37·0	35·4	34·4	33·8	33·0	32·7	32·4	28
29	32·1	32·1	32·0	31·9	32·0	32·0	31·6	30·3	32·5	33·8	35·5	36·7	37·0	37·4	37·2	37·0	36·1	35·0	34·0	33·6	32·6	32·6	31·7	32·0	29
30	·*	·*	30·0	30·0	30·0	30·2	29·0	30·1	31·2	·*	·*	34·7	35·0	35·0	34·2	34·0	34·7	33·7	33·1	32·7	32·0	31·6	31·0	31·0	30
31	31·5	31·2	31·6	32·0	32·1	31·5	31·1	30·7	·*	·*	33·4	33·8	33·5	33·9	33·5	34·8	34·6	33·8	33·5	34·0	33·6	33·8	33·5	33·1	31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51° 28′ N. LONG: 0° 19′ W.

HOURLY VALUES January 1878.

WIND

DIRECTION IN NUMBERS { 8–E 24–W / 16–S 32–N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	23	4S	23	4S	23	4	23	4S	23	4	23	4	23	4	23	2	23	2	23	3	23	3	23	2	23	1S	23	4S	21	7S	21	7S	18	9S	18	8S	18	5S	18	6S	18	7S	18	5S	18	4S	18	8S	1
2	18	12	18	9S	18	6S	18	6S	18	5S	18	5S	18	6S	18	6S	18	6S	18	3	18	4S	18	4	20	6S	22	5S	22	4	22	2	22	2	22	4	22	2	22	3	22	2	22	2	22	3	22	2	2
3	22	3	22	4	22	4S	22	3	22	5S	21	5S	21	5S	20	6S	20	8S	19	9S	19	15	19	13	21	14	20	13	18	17	18	13	18	12	18	11	18	13	17	13	17	16	17	17	17	16	17	15	3
4	17	16	17	14	17	13	16	13	16	12	16	10S	16	11	16	8S	16	8S	16	4S	16	7S	11	8S	11	7S	11	7S	8	9S	8	9S	8	12	8	8S	8	5S	8	8S	8	7S	8	7S	8	6S	8	9S	4
5	8	7S	8	5S	8	8S	8	4S	8	8S	8	4S	8	4S	8	4	8	4S	8	4	8	4	8	4S	8	2	8	2	8	1S	8	1S	8	3	8	4	8	4	8	3	8	4S	8	5S	8	4S			5
6	8	4S	8	6S	8	4S	8	4S	8	4S	8	5S	8	4S	8	4	12	6S	21	8S	23	6S	23	8S	23	7S	25	11	23	10S	23	7S	23	6S	21	9S	21	8S	22	9S	21	10S	21	12	21	11	24	10S	6
7	22	10S	22	13	21	11	21	10S	21	10S	21	14	20	12	21	12	21	10S	22	12	21	11	22	15	22	11	22	13	22	9S	22	7S	22	6S	22	6S	22	5S	22	4S	22	4S	22	3	22	3	22	4S	7
8	30	8S	31	9S	32	11	1	15	2	14	1	13	32	17	32	14	32	17	32	17	32	19	32	22	32	20	32	20	32	17	32	18	32	19	32	19	32	15	32	16	32	18	31	15	31	20	31	18	8
9	32	14	31	18	31	14	31	13	31	15	31	16	31	15	32	13	32	13	31	14	31	17	1	17	32	18	32	17	32	16	31	16	31	12	31	12	31	11	31	12	31	8S	31	7S	31	6S	30	10S	9
10	30	7S	30	5S	30	4S	28	8S	28	9S	28	9S	28	9S	28	8S	28	8S	28	8S	30	11	30	12	31	16	31	17	32	18	32	15	32	11	32	10S	32	8S	2	10S	2	9S	2	4S	2	4S	2	4S	10
11	2	4	2	4	2	2	2	2	2	2	2	1S	2	2	2	3	2	2	2	3	2	2	2	6S	2	7S	2	4	2	4	2	3	2	3	2	3	2	3	2	4	2	2	2	2	2	1S	2	3	11
12	2	3	2	5S	2	4S	2	4	2	3	2	2	2	2	2	3	2	4S	2	3	2	3	2	3	2	4	2	3	2	2	2	4	2	2	2	4	2	4	2	4	2	4	2	4S	2	5S	2	5S	12
13	2	5S	2	7S	1S	7S	17	7S	18	8S	18	9S	19	14	19	13	19	13	20	13	20	12	20	15	21	12	21	15	21	14	21	17	21	13	21	15	21	15	20	12	21	17	20	14	21	13	22	15	13
14	22	15	22	16	22	15	22	12	21	14	20	17	19	17	20	19	20	18	21	20	22	22	22	20	22	20	23	20	22	18	22	16	21	14	21	14	22	15	23	13	23	12	23	14	23	16	23	14	14
15	23	11	23	10S	23	15	23	12	23	13	23	11	23	8S	23	8S	23	7S	23	8S	24	13	24	12	24	16	25	15	24	16	24	13	24	11	23	12	23	12	23	8S	23	8S	23	9S	22	10S	22	10S	15
16	22	9S	22	8S	23	12	24	16	24	10S	21	10S	21	12	21	8S	19	10S	19	11	22	16	23	14	23	20	25	23	24	20	24	21	23	15	24	11	23	13	24	15	25	12	25	8S	28	13	28	16	16
17	28	9S	27	11	27	6S	27	8S	27	5S	27	3	27	8S	27	6S	27	6S	27	8S	29	12	29	11	29	11	28	10S	28	7S	28	5S	28	5S	28	3	28	3	28	2	28	2	28	2	28	2	28	4	17
18	28	2	28	4	28	2	28	1S	28	2	28	3	28	2	28	2	28	1S	28	2	28	2	28	1S	28	2	28	3	28	3	28	2	28	1S	28	2	28	4	28	3	28	2	28	4	28	1S	28	1S	18
19	28	2	28	2	28	2	28	2	28	1S	28	2	28	2	28	2	28	4S	28	4	28	3	28	3	28	3	28	2	27	5S	26	5S	26	5S	20	5S	20	7S	19	8S	19	10S	18	10S	18	10S	18	9S	19
20	18	12	18	12	18	15	18	14	17	11	18	13	18	16	18	14	19	17	18	17	19	19	19	26	19	19	18	20	18	15	18	16	18	19	18	20	18	17	18	23	18	24	18	27	19	24	19	27	20
21	19	27	19	27	19	25	19	25	20	23	20	26	20	27	20	27	20	26	19	26	20	24	21	25	21	23	21	25	20	24	20	25	20	25	20	27	20	30	20	29	20	27	20	27	20	32	20	29	21
22	20	27	20	18	21	22	21	19	21	20	21	20	20	16	20	15	20	15	20	17	20	16	20	16	20	17	19	18	19	18	20	19	21	20	20	19	21	20	24	25	23	25	22	21	22	16	20	20	22
23	21	23	20	20	22	26	23	30	23	25	22	20	24	23	23	22	23	16	21	23	22	26	22	25	22	24	23	24	22	21	24	19	21	19	21	21	21	22	22	20	22	20	23	20	23	20	23	18	23
24	24	20	23	24	23	20	23	20	22	14	22	13	23	15	23	15	23	15	23	15	24	18	24	15	25	13	24	10S	24	10S	24	5S	24	3	24	3	24	6S	24	5S	24	7S	24	8S	25	7S	25	9S	24
25	25	10S	25	9S	23	8S	23	8S	23	11	23	16	23	15	25	24	26	26	30	26	30	21	25	27	28	23	28	25	27	21	27	21	27	17	27	18	26	15	24	9S	24	6S	21	5S	24	8S	27	14	25
26	28	17	27	18	28	17	29	17	28	14	29	11	29	15	28	12	27	12	27	12	28	12	28	12	29	18	30	17	31	12	31	6S	31	4S	31	4	31	4	31	4S	31	4	31	3	31	2	31	3	26
27	30	4	30	3	30	2	30	2	30	2	30	2	30	2	30	3	30	4S	30	4	31	4	31	4S	11	10S	11	10S	11	12	11	11	11	8S	11	10S	11	9S	11	10S	13	13	14	12	14	13	14	15	27
28	15	17	15	14	16	18	16	17	16	14	16	13	17	17	16	15	16	16	16	13	17	13	17	13	30	11	31	5S	31	4	25	4	26	11	26	10S	26	14	24	11	24	8S	24	9S	24	7S	24	9S	28
29	24	7S	24	6S	24	7S	24	7S	24	5S	24	6S	24	4	24	3	24	7S	24	7S	24	9S	26	15	27	12	27	11	28	9S	27	6S	27	5S	27	5S	27	4S	27	4S	27	4	27	4	27	4S	27	4	29
30	27	4	27	2	27	2	27	3	27	4S	27	1S	27	3	32	4S	32	4	32	5S	1	9S	2	10S	2	14	1	16	1	13	1	9S	31	10S	31	8S	31	9S	31	4S	31	2	31	5S	31	7S	31	7S	30
31	31	4	31	4S	31	4S	31	4	31	4S	31	4S	31	3	31	4S	31	6S	32	9S	32	7S	32	11	32	15	1	17	2	15	2	15	2	10S	1	9S	1	9S	1	7S	2	10S	2	10S	2	11	2	10S	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1																								—	1
2										010	008	010												025	2
3																							020	080	3
4	050	015	005	005	005		005	005	020	020	025	040	020	015	020	010	010		005	005				015	4
5	005																							005	5
6																								—	6
7																								—	7
8									010	005						020	035	025						095	8
9																								—	9
10										005														005	10
11																								—	11
12																								—	12
13																								—	13
14																								—	14
15										005														005	15
16																								—	16
17																								—	17
18																								—	18
19																								—	19
20																								—	20
21										010	010													020	21
22					015	010				005														030	22
23				070										010	005	010			010	005				110	23
24										010														010	24
25					010	005	035	005	005															060	25
26										010														010	26
27																015	010	005	005	010	020	020	020	030	27
28	015	005	005	005	005	020				040	005	040	075	070	005									290	28
29																								—	29
30																								—	30
31																								—	31
	125	079	020	010	080	020	040	050	010	035	079	045	090	105	090	035	045	055	040	015	015	020	020	040	12

Record defective or Instrument out of action. * Obtained from reading of Standard

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	·178	·186	·187	·175	·180	·171	·175	·172	[illegible]	·*	·203	·209	·217	·229	·229	·228	·226	·227	·225	·227	·225	·228	·239	·237	1
2	·237	·245	·247	·250	·254	·258	·267	·267	·272	·280	·280	·293	·302	·303	·310	·303	·302	·293	·294	·297	·281	·285	·275	·276	2
3	·278	·281	·291	·297	·297	·287	·282	·278	·267	·260	·262	·259	·258	·257	·275	·275	·287	·287	·292	·292	·288	·286	·282	·292	3
4	·288	·289	·289	·288	·292	·292	·302	·307	·302	·318	·317	·318	·314	·318	·316	·304	·293	·294	·291	·289	·282	·282	·271	·271	4
5	·268	·267	·273	·273	·268	·264	·258	·257	·264	·267	·274	·273	·275	·272	·277	·278	·280	·276	·277	·278	·279	·279	·279	·280	5
6	·277	·278	·282	·282	·291	·295	·291	·283	·277	·269	·272	·276	·285	·254	·245	·228	·227	·235	·237	·227	·229	·228	·229	·229	6
7	·228	·225	·215	·214	·213	·214	·208	·201	·207	·209	·213	·203	·195	·200	·209	·215	·221	·217	·212	·200	·199	·196	·198	·198	7
8	·198	·202	·197	·199	·199	·196	·189	·192	·191	·196	·205	·202	·197	·194	·204	·198	·193	·185	·183	·187	·181	·175	·175	·178	8
9	·176	·172	·178	·177	·176	·172	·173	·172	·174	·175	·178	·169	·168	·177	·179	·179	·184	·182	·190	·185	·190	·192	·192	·181	9
10	·184	·178	·175	·166	·171	·165	·166	·176	·176	·182	·187	·193	·194	·200	·200	·203	·200	·205	·207	·202	·191	·177	·162	·150	10
11	·139	·137	·139	·150	·139	·148	·146	·136	·144	·155	·142	·155	·145	·157	·164	·166	·164	·163	·162	·160	·143	·131	·154	·143	11
12	·140	·140	·145	·148	·146	·148	·148	·150	·157	[illegible]	·*	·162	·172	·168	·167	·170	·168	·169	·165	·160	·173	·168	·161	·164	12
13	·165	·168	·166	·163	·166	·175	·180	·176	·183	·194	·205	·221	·222	·222	·233	·233	·232	·243	·243	·245	·252	·248	·251	·253	13
14	·251	·251	·253	·246	·240	·235	·237	·246	·254	·268	·275	·283	·292	·289	·281	·270	·267	·274	·285	·286	·292	·297	·302	·300	14
15	·300	·301	·304	·299	·297	·295	·299	·301	·300	·304	·306	·313	·313	·315	·294	·290	·289	·284	·273	·271	·268	·266	·267	·265	15
16	·264	·265	·268	·270	·260	·255	·254	·266	·253	·254	·252	·255	·274	·277	·285	·292	·292	·300	·302	·304	·303	·295	·289	·237	16
17	·227	·214	·229	·214	·217	·221	·209	·205	·203	·209	·214	·222	·223	·223	·223	·222	·218	·219	·221	·215	·228	·230	·235	·237	17
18	·241	·243	·242	·241	·231	·231	·218	·210	·190	·207	·216	·219	·229	·232	·221	·222	·224	·210	·194	·206	·200	·208	·202	·211	18
19	·213	·209	·210	·216	·212	·220	·212	·210	·218	·227	·225	·234	·238	·243	·235	·226	·225	·220	·234	·244	·242	·240	·235	·234	19
20	·224	·224	·225	·228	·237	·244	·248	·249	·243	·237	·241	·246	·259	·264	·275	·274	·274	·283	·286	·294	·298	·297	·295	·299	20
21	·301	·312	·319	·330	·337	·334	·323	·323	·332	·340	·347	·351	·347	·343	·350	·352	·343	·343	·334	·324	·325	·326	·332	·333	21
22	·336	·358	·357	·367	·372	·372	·368	·361	·365	·373	·371	·360	·361	·366	·361	·361	·361	·353	·345	·280	·268	·257	·247	·258	22
23	·267	·264	·276	·250	·210	·207	·182	·172	·176	·195	·199	·195	·213	·186	·174	·202	·198	·196	·187	·185	·183	·178	·173	·161	23
24	·160	·160	·164	·167	·163	·167	·173	·168	·178	·181	·184	·186	·179	·183	·184	·184	·192	·196	·184	·181	·183	·178	·176	·186	24
25	·180	·177	·183	·188	·188	·191	·193	·175	·158	·145	·115	·*	·106	·092	·087	·081	·086	·095	·140	·140	·143	·148	·*	·*	25
26	·163	·172	·170	·165	·165	·162	·158	·159	·159	·160	·169	·171	·178	·177	·178	·179	·180	·178	·182	·174	·173	·178	·165	·163	26
27	·171	·170	·173	·162	·161	·*	·*	·154	[illegible]	·*	·192	·194	·190	·196	·204	·203	·205	·207	·201	·207	·209	·211	·217	·225	27
28	·228	·241	·245	·258	·263	·261	·266	·272	·269	·262	·262	·260	·218	·214	·220	·229	·227	·192	·178	·178	·174	·170	·169	·164	28
29	·162	·167	·167	·165	·170	·173	·167	·156	·170	·177	·184	·188	·189	·190	·187	·192	·190	·185	·183	·178	·180	·180	·172	·177	29
30	·*	·*	·165	·164	·151	·153	·156	·153	·161	·*	·188	·180	·170	·153	·165	·168	·159	·166	·169	·164	·168	·156	·155	·166	30
31	·167	·161	·168	·172	·171	·169	·162	·158	[illegible]	·*	·177	·181	·184	·179	·164	·174	·167	·176	·179	·174	·180	·168	·160	·154	31
									6·756												4·930				
									0·218												0·224				

Meteorological Office,
116. Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

VALENCIA OBSERVATORY LAT. 51.55' N LONG. 10.18' W

HOURLY VALUES February 1878.

BAROMETER.

CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·635	30·633	30·632	30·632	30·627	30·628	30·623	30·626	30·621	30·621	30·619	30·608	30·604	30·580	30·574	30·564	30·563	30·562	30·564	30·567	30·566	30·560	30·564	30·550	1
2	·541	·534	·524	·518	·509	·509	·512	·522	·528	·528	·536	·539	·528	·508	·509	·511	·511	·515	·525	·533	·535	·545	·555	·556	2
3	·549	·537	·533	·519	·523	·528	·530	·535	·537	·547	·554	·548	·540	·525	·520	·520	·527	·528	·530	·532	·523	·520	·522	·518	3
4	·516	·509	·502	·493	·487	·479	·479	·487	·492	·498	·499	·497	·490	·485	·480	·482	·486	·485	·484	·477	·475	·466	·469	·468	4
5	·463	·458	·454	·443	·432	·430	·430	·437	·439	·452	·454	·452	·443	·422	·413	·407	·413	·414	·415	·413	·412	·408	·403	·399	5
6	·387	·371	·357	·343	·345	·344	·345	·347	·352	·347	·354	·367	·366	·373	·367	·376	·387	·406	·414	·424	·421	·437	·447	·460	6
7	·463	·462	·454	·460	·464	·471	·477	·488	·497	·507	·516	·529	·525	·518	·515	·514	·514	·520	·525	·534	·538	·534	·540	·534	7
8	·526	·508	·498	·496	·489	·479	·476	·457	·450	·440	30·435	30·425	30·407	30·388	30·374	30·356	30·337	30·327	30·318	30·297	30·278	30·266	30·251	30·231	8
9	30·214	30·184	30·153	30·124	30·099	30·078	30·049	30·035	30·025	30·015	29·997	29·973	29·947	29·917	29·889	29·869	29·861	29·861	29·869	29·877	29·889	29·898	29·916	29·929	9
10	29·931	29·922	29·916	29·912	29·895	29·900	29·899	29·902	29·903	29·899	·900	·902	·89[illegible]	·864	·847	·849	·853	·851	·848	·847	·842	·835	·819	·821	10
11	·817	·796	·792	·775	·766	·760	·762	·770	·773	·787	·792	·794	·785	·784	·791	·799	·807	·819	·827	·839	·848	·860	·867	·868	11
12	·872	·864	·858	·846	·835	·824	·826	·838	·833	·837	·837	·834	·825	·808	·796	·779	·776	·768	·756	·743	·740	·742	·744	·750	12
13	·756	·757	·766	·773	·785	·804	·818	·829	·860	·873	·879	·881	·870	·877	·870	·873	·872	·879	·890	·882	·878	·874	·873	·870	13
14	·862	·851	·838	·831	·829	·830	·820	·825	·809	·811	·830	·826	·816	·801	·791	·792	·773	·775	·776	·774	·776	·764	·746	·735	14
15	·713	·676	·650	·625	·616	·614	·629	·663	·680	·702	·712	·746	·775	·787	·801	·829	·838	·876	·901	·925	·928	·922	·896	·876	15
16	·867	·847	·808	·784	·769	·790	·794	·830	·842	·885	·883	·889	·880	·871	·872	·864	·864	·866	·850	·849	·843	·825	·817	·812	16
17	·794	·771	·738	·720	·709	·684	·671	29·662	29·639	29·623	29·598	29·601	29·648	29·674	29·698	29·711	29·725	29·747	29·769	29·790	29·799	29·815	29·822	29·832	17
18	29·844	29·853	29·863	29·874	29·894	29·931	29·963	30·005	30·038	30·078	30·110	30·136	30·146	30·163	30·182	30·205	30·229	30·247	30·263	30·288	30·293	30·282	30·278	30·272	18
19	30·253	30·233	30·219	30·190	30·147	30·136	30·107	·074	·053	·031	·018	29·990	29·944	29·908	29·872	29·851	29·835	29·837	29·835	29·823	29·820	29·800	29·794	29·799	19
20	29·811	29·832	29·868	29·914	29·952	·000	·044	·099	·145	·198	·240	30·277	30·301	30·330	30·358	30·391	30·406	30·445	30·473	30·511	30·523	30·532	30·545	30·552	20
21	30·570	30·576	30·579	30·577	30·584	·597	·604	·632	·645	·664	·650	·656	·651	·644	·643	·649	·647	·646	·662	·668	·660	·659	·657	·652	21
22	·651	·642	·630	·603	·603	·596	·592	·594	·603	·603	·596	·588	·577	·552	·545	·527	·522	·519	·515	·509	·502	·488	·477	·462	22
23	·455	·435	·421	·409	·396	·386	·380	·384	·382	·381	·382	·377	·362	·348	·339	·327	·327	·333	·336	·340	·337	·334	·329	·323	23
24	·313	·300	·287	·275	·268	·267	·260	·266	·266	·264	·260	·254	·238	·221	·212	·213	·212	·216	·219	·217	·221	·225	·225	·220	24
25	·217	·212	·207	·201	·194	30·196	30·199	30·202	30·211	30·220	30·224	30·227	30·218	30·193	30·183	30·171	30·168	30·169	30·166	30·164	30·161	30·154	30·140	30·128	25
26	30·112	30·089	30·064	30·030	30·015	29·991	29·970	29·958	29·941	29·922	29·906	29·897	29·878	29·850	29·830	29·808	29·781	29·773	29·763	29·740	29·721	29·696	29·667	29·636	26
27	29·604	29·573	29·565	29·553	29·528	·502	·480	·472	·461	·473	·486	·503	·504	·518	·525	·568	·593	·633	·654	·665	·683	·700	·702	·697	27
28	29·688	29·682	29·675	29·666	29·670	29·666	29·651	29·630	29·609	29·601	29·628	29·667	29·691	29·698	29·702	29·711	29·720	29·722	29·722	29·714	29·690	29·677	29·632	29·589	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	391	382	376	378	376	371	364	358	367	382	400	436	448	456	462	466	440	403	388	384	375	356	362	353	1
2	337	347	344	341	340	334	344	345	340	362	384	409	437	461	461	458	453	444	440	434	433	433	431	429	2
3	437	432	436	437	433	434	433	432	437	442	448	456	462	468	463	458	453	447	445	439	436	437	439	439	3
4	439	440	440	437	433	432	431	430	430	431	434	439	444	445	445	446	445	437	437	436	438	438	437	437	4
5	440	446	447	443	441	441	445	440	446	449	454	459	473	470	477	477	469	457	451	458	461	459	457	454	5
6	450	453	454	450	450	449	450	456	462	461	471	479	493	494	493	491	488	482	482	486	484	479	481	487	6
7	490	486	486	484	483	481	480	474	469	486	506	516	527	524	534	520	507	495	484	472	452	455	477	468	7
8	473	471	472	469	470	468	464	446	455	466	473	480	487	485	484	481	478	474	476	474	471	470	467	461	8
9	463	463	456	456	460	461	466	473	478	476	476	479	483	486	485	487	490	491	502	504	498	488	490	489	9
10	486	483	480	483	480	477	476	476	482	491	498	508	516	526	516	507	489	484	474	470	477	483	476	466	10
11	470	471	468	471	476	477	479	477	484	485	495	499	510	506	503	501	496	490	487	483	477	475	478	480	11
12	477	480	480	480	480	477	479	473	477	483	482	508	522	519	526	511	504	494	492	480	480	479	475	462	12
13	456	448	438	430	427	417	418	420	433	447	457	466	473	480	484	478	470	464	454	444	441	457	467	452	13
14	443	440	440	445	435	434	425	419	422	427	455	456	460	463	464	476	468	456	437	432	432	437	443	450	14
15	456	448	463	468	477	479	491	499	502	502	517	518	502	514	520	517	508	500	500	496	491	499	500	504	15
16	508	510	519	517	519	515	519	520	528	528	534	534	535	540	527	529	528	528	523	520	517	520	519	522	16
17	526	521	514	514	513	514	519	521	527	531	524	530	493	494	498	499	503	481	489	486	487	485	485	489	17
18	475	489	482	488	479	479	480	473	480	469	497	496	497	504	497	503	499	474	453	441	451	460	448	454	18
19	472	472	483	480	484	479	490	493	497	501	494	496	499	499	503	506	513	520	522	520	521	519	513	506	19
20	502	496	487	482	480	482	483	489	488	489	486	493	493	501	497	483	484	477	483	487	476	478	486	486	20
21	489	499	500	500	497	485	486	497	501	505	523	512	510	527	524	513	513	502	500	497	497	496	495	494	21
22	493	493	491	490	489	489	484	486	489	497	505	513	517	520	500	500	496	488	479	468	454	448	450	450	22
23	453	463	461	458	467	460	467	466	476	487	490	504	506	506	516	503	500	486	477	475	472	469	472	461	23
24	467	472	472	467	467	466	469	466	481	489	515	515	524	522	512	503	501	484	482	463	480	461	481	485	24
25	485	485	489	483	469	464	471	470	471	476	490	502	508	513	514	514	505	499	496	484	480	496	494	485	25
26	486	477	476	477	492	499	502	507	513	520	525	525	526	525	524	520	517	516	514	510	509	511	509	505	26
27	503	514	514	517	515	519	520	522	518	527	530	528	524	524	522	515	510	500	496	496	493	499	502	511	27
28	519	535	533	532	527	529	530	533	534	534	538	538	548	550	545	537	529	525	527	529	529	530	534		28
29																									29
30																									30
31																									31

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	377	366	360	359	360	354	350	347	352	365	384	406	412	420	424	427	414	389	378	369	364	350	353	347	1
2	331	342	339	334	332	321	333	334	330	351	373	390	409	426	421	414	425	420	420	414	417	417	417	413	2
3	417	410	415	412	410	411	413	412	414	417	425	430	436	435	439	438	433	429	425	421	417	417	419	418	3
4	419	417	420	420	417	412	413	410	410	410	412	416	418	419	420	419	421	415	417	412	412	410	415	427	4
5	*	427	422	419	418	418	420	420	420	423	427	432	447	444	454	455	450	445	447	448	447	442	435	425	5
6	425	427	421	423	421	423	427	436	442	445	452	455	467	470	471	469	470	466	467	470	469	463	464	471	6
7	472	469	470	467	467	464	467	463	460	471	489	499	504	499	501	499	488	480	473	461	443	445	465	457	7
8	452	445	444	440	435	433	433	420	428	433	439	441	451	453	456	454	450	446	451	449	446	443	437	432	8
9	431	428	431	431	434	438	445	451	457	463	470	473	478	479	482	483	488	490	502	502	492	479	480	484	9
10	483	483	480	480	473	473	473	476	479	483	486	490	490	497	498	492	478	470	463	462	461	455	455		10
11	452	453	453	457	460	461	462	460	463	460	470	472	479	476	474	472	470	467	457	456	450	446	450	451	11
12	450	458	454	454	456	453	458	459	463	469	477	495	503	499	492	484	482	482	481	477	477	474	471	456	12
13	451	440	430	424	417	406	407	409	419	427	437	432	439	444	449	445	437	434	425	416	419	432	430	432	13
14	429	427	425	427	421	418	410	407	410	414	428	431	437	437	441	447	445	439	424	420	412	412	427	438	14
15	494	463	452	466	472	476	483	486	490	493	503	482	479	479	475	470	467	463	469	467	473	481	486		15
16	492	494	495	489	500	503	508	508	511	513	513	517	520	522	517	513	510	508	503	503	504	503	505	504	16
17	502	500	500	499	503	505	508	507	510	513	512	519	486	479	471	458	466	454	452	448	447	453	460	446	17
18	438	451	450	451	446	442	447	446	447	441	466	466	469	468	471	469	466	448	434	425	433	440	434	443	18
19	450	447	450	455	463	470	474	475	477	482	484	491	490	491	496	499	506	506	507	503	498	497	484	485	19
20	486	478	471	467	460	461	458	467	460	453	450	454	449	453	451	447	446	433	445	452	460	466	472	480	20
21	484	490	493	496	490	480	481	491	494	496	498	495	493	505	497	487	473	464	467	466	461	467	462	463	21
22	460	468	468	467	456	458	453	461	463	462	461	468	472	479	467	474	469	467	463	454	445	439	446	444	22
23	446	452	455	453	460	454	459	459	470	476	482	488	489	493	497	495	489	480	475	471	466	467	468	460	23
24	462	468	466	463	463	462	462	476	479	501	495	501	498	490	480	482	476	477	477	473	474	474	478		24
25	476	473	479	472	460	456	465	459	461	467	482	489	486	490	498	490	476	481	478	470	467	468	472	464	25
26	464	462	463	461	478	487	489	493	499	506	510	510	513	512	511	508	506	502	500	497	497	496	496	495	26
27	495	506	500	502	500	506	507	510	510	507	512	509	514	503	505	504	497	495	486	486	477	483	495	504	27
28	514	528	529	523	523	525	526	527	527	525	530	527	526	530	527	523	518	514	515	515	516	517	523	525	28
29																									29
30																									30
31																									31

*Record defective or Instrument out of action. †Reading of Standard. ‡Approximate

Meteorological Office,
1/6. Victoria Street. Westminster. S.W.

ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51° 55' N. LONG: 10° 18' W.

HOURLY VALUES February 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	12	4S	12	4	12	4S	12	3	12	1S	12	1S	12	2	12	2	12	2	12	2	12	2	11	8S	11	9S	14	9S	14	4S	14	3	14	2	14	1S	14	1S	14	4	14	2	14	2	14	1S	14	1S	14	1S	1
2	14	1S	14	2	14	1S	14	1S	14	1S	14	4S	14	1S	14	3	14	2	14	1S	13	2	13	2	17	2	17	2	29	7S	29	3	29	1S	29	2	29	2	29	2	29	2	29	2	29	2	29	1S	29	3	2
3	7	3	3	7S	4	6S	5	4	3	4	3	4	3	1S	3	2	3	3	3	1S	3	2	3	3	3	1S	3	1S	3	4	12	7S	12	4	12	3	12	6S	12	4S	8	4	8	4	8	4	9	6S	31	4	3
4	11	5S	14	10S	14	12	14	11	13	13	10	14	11	12	12	12	12	9S	12	12	11	1S	11	17	12	17	12	17	12	13	12	9S	12	4S	10	10S	9	6S	14	4S	15	7S	16	4S	16	6S	16	4	4
5	14	9S	13	11	13	7S	13	6S	13	6S	14	8S	13	8S	13	2	13	4	13	4	12	10S	12	13	12	13	12	11	12	13	12	15	12	1S	12	12	12	13	13	1S	13	1S	13	1S	13	1S	13	1S	13	1S	5
6	12	11	12	17	12	18	13	23	13	23	13	24	13	25	13	25	13	26	13	29	14	30	14	31	14	29	15	26	14	28	14	25	14	22	13	22	13	21	14	20	15	18	15	17	14	15	14	22	6
7	15	22	14	21	13	25	13	17	13	20	13	17	13	16	13	14	13	5S	13	3	14	10S	14	12	14	13	16	13	18	14	14	13	14	16	15	10S	15	8S	10	6S	10	7S	13	10S	11	8S	7
8	13	11	13	12	13	13	13	15	13	18	14	19	12	18	11	13	11	17	11	19	11	22	11	24	12	20	12	22	13	23	13	24	12	22	12	20	12	21	11	15	11	23	11	23	12	27	11	27	8
9	W	29	12	31	11	26	12	30	12	30	12	34	12	33	11	33	11	34	12	27	11	32	11	34	11	32	11	29	11	25	10	20	10	16	11	14	17	14	23	14	22	17	23	10S	23	11	22	9S	9
10	22	4S	22	4	22	5S	20	9S	18	6S	12	4S	12	4S	12	6S	18	9S	14	6S	12	7S	14	13	13	9S	13	12	12	12	14	14	13	12	13	9S	11	7S	13	5S	11	4	21	2	12	7S	13	7S	10
11	10	8S	9	18	10	20	10	22	10	22	10	24	8	14	8	17	9	26	9	24	8	30	9	25	9	26	8	24	8	21	8	19	9	24	9	25	8	24	6	18	5	16	8	19	9	20	8	16	11
12	8	1S	7	17	8	19	8	27	8	28	8	31	8	28	8	20	8	23	9	12	10	13	12	17	13	20	12	19	12	14	10	9S	9	9S	7	4	7	4	2	5S	2	4	9	2	10	2	2	7S	12
13	2	6S	7	5S	1	7S	1	10S	1	10S	1	10S	3	5S	3	4S	2	4S	32	7S	31	8S	32	12	1	8S	29	9S	29	11	30	11	30	11	1	9S	31	9S	1	6S	1	4S	32	6S	1	6S	32	4S	13
14	1	4S	1	4	1	7S	2	5S	2	5S	4	5S	6	2	6	1S	6	2	6	2	18	4S	22	6S	20	7S	21	6S	17	4S	19	10S	17	8S	16	6S	14	5S	11	7S	2	4	31	5S	11	19	11	13	14
15	10	16	11	23	12	22	13	21	13	20	13	16	21	19	21	22	20	22	18	26	18	32	20	34	21	25	20	30	20	32	20	34	20	35	20	29	19	29	19	29	19	24	16	28	14	36	15	39	15
16	15	44	15	48	15	51	16	50	16	57	17	50	17	42	17	43	17	44	17	43	18	44	17	48	18	49	18	51	18	50	18	51	17	49	16	46	16	44	16	48	15	45	15	50	16	49	17	50	16
17	16	54	17	52	17	50	15	48	15	44	17	49	15	47	16	46	14	48	16	41	15	47	17	51	23	29	23	19	23	13	23	16	23	17	23	14	21	20	21	18	21	24	21	25	20	25	21	30	17
18	21	30	21	31	21	33	25	31	22	29	23	25	24	24	24	18	23	20	23	20	24	21	25	17	24	19	26	19	25	15	24	15	23	10S	24	5S	24	3	24	2	24	3	18	11	14	10S	15	15	18
19	15	19	15	20	15	24	15	26	14	32	14	35	13	36	13	37	14	45	14	45	15	40	15	46	14	44	14	46	15	43	15	47	15	40	17	36	17	44	17	40	17	38	17	42	18	44	19	42	19
20	21	36	22	28	23	26	24	20	25	21	25	23	26	24	27	23	27	26	27	23	27	23	28	24	28	23	28	21	28	19	27	17	28	10S	28	12	28	9S	29	10S	25	5S	25	3	25	8S	25	14	20
21	24	12	24	11	23	10S	24	11	24	7S	25	4	25	4S	25	5S	25	5S	22	4	22	9S	25	9S	21	12	21	11	21	12	22	9S	23	10S	23	10S	22	9S	22	8S	22	6S	23	6S	23	8S	23	4	21
22	19	9S	19	6S	20	2	20	4S	22	6S	23	4	21	5S	19	6S	17	9S	18	6S	21	4	18	5S	18	5S	18	7S	21	5S	21	9S	19	11	18	8S	18	4S	19	2	13	3	13	5S	13	6S	13	1S	22
23	15	3	14	4S	15	4	15	2	18	5S	14	5S	17	4	14	5S	17	4S	19	8S	20	10S	21	12	21	13	21	15	21	12	22	10S	22	8S	22	6S	22	4S	22	4	22	1S	22	1S	22	1S	22	1S	23
24	22	1S	17	4	14	4S	14	2	14	1S	14	1S	20	2	23	2	22	7S	22	4	22	9S	23	11	21	1S	21	16	22	16	22	11	22	9S	22	3	23	6S	23	6S	24	8S	24	8S	24	10S	24	10S	24
25	24	9S	25	8S	26	5S	26	5S	26	4S	26	6S	24	6S	23	7S	24	9S	23	8S	22	11	23	13	23	14	23	15	21	14	22	14	22	16	21	13	21	10S	21	7S	21	6S	20	12	19	4	19	11	25
26	18	13	17	8S	16	12	17	14	15	20	16	22	15	21	15	27	16	27	16	33	17	39	17	37	17	43	17	46	17	44	17	44	17	46	16	40	17	40	15	38	16	40	14	42	15	36	15	40	26
27	14	40	17	39	17	39	17	38	17	38	17	42	17	42	17	40	18	36	20	31	20	30	21	27	21	26	22	30	22	30	23	27	23	24	23	20	22	18	22	19	21	17	21	15	17	11	17	24	27
28	17	26	19	33	21	36	19	30	19	34	19	36	19	38	17	49	17	49	18	44	21	46	21	33	21	38	21	32	20	36	20	34	20	39	18	30	18	31	17	35	18	39	18	35	17	30	17	35	28
29																																																	29
30																																																	30
31																																																	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.003	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.042	.018	.010	.018	.025	.018	.017	.028	.002	.015	.002	.002	.	.001	9
10	.005	.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.002	.002	.002	.002	.001	.001	10
11	.	.	.	.	.	.	.	.025	.075	.003	.065	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.082	.052	.006	.067	12
13	.055	.095	.065	.085	.040	.003	.001	.001	.001	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.015	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.025	.010	.008	.032	.025	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	15
16	.001	.002	.002	.013	.027	.005	.015	.002	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.003	.002	.007	.018	.002	.008	.002	.	.090	.106	.087	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.020	.	.015	.	.	.	.	.010	.	.	.020	.	.010	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.050	.050	.125	.125	.093	.042	.	.	.	.	.	.	.	.002	19
20	.002	.004	.010	.012	.020	.005	.002	.007	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.005	.002	.003	.005	.	.	.	.	.	.	.	.	.050	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.013	.	.	.	.007	.	.	.	.	.	.	.008	.010	.007	.	.003	.	.	24
25	.004	.001	.001	.001	.001	.001	.005	.006	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.015	.020	.025	.025	.010	.	.005	.010	.003	.002	.010	.025	26
27	.095	.023	.001	.001	.002	.003	.001	.061	.003	.002	.	.010	.020	.	.	.	.	.002	.001	.001	.001	.	.007	.033	27
28	.050	.055	.080	.027	.001	.002	.002	.001	.001	.027	.074	.003	.002	.	.	.	.	.	.	.	.	.	.	.077	28
29																									29
30																									30
31																									31
	134	228	232	194	156	148	065	048	105	093	046	328	187	270	163	153	1*5	027	038	022	038	090	061	0242	
	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	11	

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.211	.199	.194	.190	.194	.188	.189	.190	.189	.197	.214	.220	.220	.228	.231	.231	.232	.221	.216	.202	.203	.197	.197	.195	1
2	.182	.192	.189	.183	.180	.165	.177	.178	.176	.193	.210	.216	.228	.234	.226	.216	.241	.240	.244	.238	.246	.246	.248	.241	2
3	.241	.232	.238	.237	.231	.232	.237	.236	.235	.236	.245	.248	.255	.250	.259	.263	.257	.255	.249	.247	.242	.241	.243	.241	3
4	.243	.238	.244	.247	.246	.236	.239	.234	.234	.233	.234	.237	.236	.237	.239	.235	.241	.237	.241	.230	.230	.226	.237	.251	4
5	.*	.241	.240	.239	.239	.239	.239	.244	.237	.240	.243	.249	.265	.262	.276	.274	.276	.286	.291	.285	.279	.270	.258	.241	5
6	.243	.244	.232	.239	.235	.240	.247	.261	.267	.271	.279	.275	.288	.293	.296	.295	.300	.297	.300	.302	.303	.293	.294	.304	6
7	.303	.300	.302	.296	.299	.294	.302	.300	.299	.305	.325	.334	.336	.328	.327	.333	.321	.315	.312	.298	.280	.281	.301	.294	7
8	.276	.263	.260	.254	.243	.241	.246	.237	.245	.243	.246	.245	.259	.263	.262	.271	.265	.264	.270	.268	.265	.260	.251	.247	8
9	.258	.237	.250	.250	.252	.260	.269	.273	.281	.298	.315	.318	.326	.325	.331	.334	.343	.347	.358	.361	.342	.322	.322	.326	9
10	.335	.330	.335	.331	.317	.321	.325	.330	.330	.329	.332	.325	.315	.320	.335	.331	.328	.325	.315	.306	.294	.284	.279	.280	10
11	.280	.281	.284	.290	.290	.291	.291	.288	.288	.280	.292	.292	.297	.294	.292	.291	.291	.291	.272	.261	.267	.261	.265	.265	11
12	.267	.270	.272	.272	.276	.274	.282	.292	.296	.304	.325	.338	.340	.334	.308	.308	.310	.322	.322	.327	.327	.320	.319	.299	12
13	.294	.278	.267	.264	.252	.240	.241	.243	.250	.251	.262	.241	.248	.251	.258	.255	.247	.248	.240	.232	.241	.251	.247	.255	13
14	.259	.250	.255	.253	.252	.247	.240	.240	.243	.246	.247	.250	.259	.255	.262	.261	.266	.267	.256	.253	.236	.236	.249	.253	14
15	.256	.264	.288	.301	.318	.326	.329	.325	.332	.342	.347	.294	.289	.292	.285	.277	.278	.280	.271	.291	.295	.294	.312	.320	15
16	.330	.333	.324	.312	.336	.350	.357	.356	.353	.358	.360	.360	.367	.366	.370	.356	.350	.347	.343	.347	.345	.344	.345	.342	16
17	.332	.334	.343	.342	.352	.356	.355	.352	.351	.354	.360	.371	.334	.298	.294	.262	.275	.271	.260	.284	.261	.266	.278	.248	17
18	.244	.258	.261	.259	.256	.248	.257	.250	.260	.266	.281	.282	.288	.278	.292	.281	.279	.266	.259	.254	.259	.265	.264	.271	18
19	.273	.266	.261	.274	.288	.301	.308	.306	.305	.313	.327	.340	.335	.338	.346	.351	.350	.351	.351	.343	.329	.329	.305	.315	19
20	.322	.309	.304	.300	.285	.285	.278	.281	.278	.262	.268	.260	.250	.250	.249	.255	.252	.233	.250	.261	.290	.302	.307	.327	20
21	.333	.335	.342	.344	.338	.328	.330	.341	.344	.344	.326	.333	.331	.330	.323	.312	.280	.271	.280	.281	.270	.284	.275	.278	21
22	.273	.291	.293	.291	.269	.273	.266	.282	.284	.272	.262	.269	.273	.285	.280	.295	.289	.293	.293	.287	.283	.276	.289	.285	22
23	.286	.288	.298	.294	.302	.297	.300	.301	.315	.316	.327	.345	.323	.333	.333	.344	.332	.327	.326	.319	.315	.317	.315	.310	23
24	.307	.315	.310	.310	.310	.311	.304	.308	.324	.321	.345	.330	.332	.327	.320	.306	.313	.324	.322	.323	.317	.316	.318	.324	24
25	.319	.311	.321	.311	.299	.296	.310	.296	.300	.308	.327	.330	.315	.319	.338	.322	.299	.313	.309	.305	.302	.289	.298	.290	25
26	.289	.294	.298	.291	.314	.328	.330	.334	.343	.351	.354	.353	.362	.360	.364	.360	.356	.348	.348	.342	.340	.339	.344	.344	26
27	.344	.359	.343	.344	.342	.352	.353	.358	.364	.344	.352	.348	.366	.338	.345	.352	.341	.348	.329	.329	.311	.318	.346	.357	27
28	.372	.390	.393	.387	.387	.390	.391	.390	.388	.388	.383	.369	.363	.378	.367	.363	.359	.359	.368	.365	.364	.367	.383	.383	28
29																									29
30																									30
31																									31
								3·111												8·026					

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT. Secretary.

ARMAGH OBSERVATORY LAT. 54°21' N LONG. 6°39' W

HOURLY VALUES February 1878.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·449	30·446	30·445	30·437	30·433	30·424	30·426	30·418	30·420	30·415	30·413	30·400	30·391	30·373	30·367	30·362	30·359	30·361	30·362	30·354	30·348	30·345	30·343	30·332	1
2	·327	·316	·308	·308	·302	·305	·305	·310	·315	·315	·314	·308	·308	·291	·293	·294	·287	·299	·294	·296	·294	·304	·307	·305	2
3	·296	·298	·291	·288	·285	·292	·295	·306	·311	·319	·324	·325	·315	·310	·303	·298	·307	·309	·315	·321	·322	·318	·319	·319	3
4	·317	·314	·315	·308	·299	·301	·294	·296	·310	·319	·328	·325	·317	·309	·309	·306	·308	·315	·317	·313	·305	·296	·302	·302	4
5	·305	·301	·301	·287	·288	·287	·281	·288	·294	·306	·312	·306	·294	·286	·284	·275	·277	·283	·282	·274	·271	·268	·267	·267	5
6	·263	·255	·250	·238	·233	·229	·229	·236	·234	·233	·220	·211	·198	·189	·175	·179	·190	·201	·210	·211	·225	·232	·238	·247	6
7	·245	·256	·258	·249	·252	·260	·265	·274	·285	·289	·297	·304	·304	·299	·300	·306	·315	·319	·328	·339	·341	·355	·361	·363	7
8	·364	·356	·354	·349	·349	·342	·346	·352	·356	30·352	30·343	30·334	30·324	30·301	30·288	30·269	30·258	30·257	30·245	30·221	30·214	30·210	30·201	30·176	8
9	30·160	30·148	30·125	30·099	30·087	30·061	30·042	30·026	30·017	29·995	29·987	29·965	29·943	29·909	29·883	29·870	29·859	29·849	29·838	29·820	29·812	29·798	29·789	29·771	9
10	29·760	29·745	29·727	29·714	29·709	29·697	29·695	29·713	29·709	·707	·715	·713	·705	·698	·696	·701	·702	·703	·709	·707	·707	·721	·721	·734	10
11	·735	·731	·732	·729	·729	·731	·732	·738	·745	·749	·765	·768	·760	·762	·770	·767	·781	·800	·814	·816	·823	·833	·844	·852	11
12	·854	·855	·857	·859	·857	·873	·876	·884	·887	·894	·899	·876	·870	·873	·865	·856	·847	·834	·819	·800	·776	·750	·721	·683	12
13	·647	·606	·567	·535	·506	·473	·447	·435	·434	·439	·458	·481	·488	·499	·512	·525	·544	·560	·579	·584	·597	·600	·609	·607	13
14	·613	·602	·600	·597	·589	·587	·588	·596	·602	·608	·610	·617	·614	·595	·587	·588	·584	·581	·582	·576	·569	·577	·593	·600	14
15	·593	·595	·588	·578	·593	·582	·576	·561	·542	·513	·503	·493	·480	·500	·500	·507	·529	·565	·592	·616	·641	·668	·694	·707	15
16	·711	·696	·685	·693	·657	·642	·597	·585	·585	·614	·637	·646	·641	·658	·663	·659	·651	·665	·659	·663	·672	·677	·669	·668	16
17	·661	·654	·650	·633	·601	·604	·603	·589	·574	·552	·541	·511	·464	·447	·428	·413	·417	·475	·504	·513	29·521	29·540	29·553	29·556	17
18	29·563	29·559	29·547	29·538	29·551	29·560	29·579	29·598	29·623	29·666	·697	·735	·764	·786	·823	·861	·892	·932	·967	·986	30·001	30·032	30·057	30·058	18
19	30·057	30·064	30·060	30·055	30·057	30·050	30·048	30·042	30·018	30·004	·986	·967	·928	·887	·849	·818	29·787	29·762	29·748	29·715	29·698	29·674	29·658	29·655	19
20	29·636	29·617	29·612	29·617	29·623	29·635	29·667	29·710	29·742	29·779	29·816	29·859	29·888	29·922	29·963	29·992	30·045	30·106	30·104	30·150	30·168	30·187	30·201	30·220	20
21	30·229	30·223	30·220	30·232	30·244	30·256	30·275	30·294	30·302	30·319	30·345	30·347	30·349	30·347	30·350	30·352	·369	·378	·395	·402	·398	·400	·403	·401	21
22	·393	·386	·375	·366	·359	·357	·355	·369	·371	·367	·364	·349	·341	·322	·314	·298	·295	·293	·292	·289	·288	·265	·255	·234	22
23	·221	·206	·188	·168	·156	·153	·140	·141	·140	·128	·124	30·116	30·099	30·083	30·068	30·063	30·065	30·075	30·081	30·084	30·079	30·081	30·076	30·076	23
24	30·069	30·059	30·043	30·030	30·018	30·014	30·008	30·017	30·013	30·005	30·000	29·988	29·977	29·950	29·937	29·926	29·921	29·925	29·923	29·920	29·918	29·924	29·920	29·935	24
25	29·926	29·924	29·913	29·904	29·895	29·895	29·887	29·887	29·894	29·886	29·884	·882	·867	·842	·836	·825	·832	·833	·833	·836	·837	·826	·826	·827	25
26	·827	·816	·808	·792	·781	·768	·767	·766	·762	·757	·747	·724	·702	·674	·660	·621	·585	·569	·562	·547	·543	·540	·524	·516	26
27	·492	·476	·460	·427	·405	·370	·359	·334	·321	·310	·313	·299	·274	·259	·246	·242	·254	·284	·313	·324	·349	·368	·395	·436	27
28	29·445	29·441	29·454	29·460	29·452	29·438	29·419	29·393	29·368	29·339	29·322	29·289	29·284	29·330	29·336	29·361	29·379	29·420	29·423	29·426	29·417	29·412	29·403	29·370	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	31·3	31·3	31·7	31·7	31·8	31·9	31·0	31·2	32·0	33·3	35·1	36·2	37·5	38·7	39·2	37·8	36·2	34·3	34·1	34·2	33·7	34·7	35·6	35·9	1
2	36·1	36·1	36·3	37·0	37·0	37·3	37·7	37·9	38·2	38·9	39·8	40·6	41·9	43·0	43·7	43·7	43·2	43·0	43·0	42·8	42·9	42·7	42·0		2
3	39·2	38·2	39·0	39·2	40·8	41·0	40·5	40·3	40·5	40·8	41·5	41·9	42·3	42·4	42·8	42·6	42·0	41·6	41·4	41·3	41·0	41·0	40·7	40·4	3
4	40·0	40·0	40·0	40·0	40·0	39·7	40·0	40·0	40·0	40·1	41·0	41·7	42·6	42·6	42·2	41·9	41·0	40·7	40·8	40·3	40·0	40·0	40·0	40·6	4
5	40·0	39·6	39·8	39·4	40·0	39·6	39·3	40·1	40·6	40·5	41·0	41·9	43·0	42·9	42·7	42·0	42·0	41·7	41·7	41·9	42·0	41·8	41·6	41·3	5
6	41·1	41·0	40·8	40·6	40·0	39·3	39·2	38·9	38·9	39·1	40·3	40·1	40·8	41·0	42·0	42·9	42·0	41·0	41·0	41·0	41·2	41·8	41·0	41·5	6
7	42·1	42·2	42·2	42·8	42·9	43·1	42·9	42·6	42·9	44·9	46·9	46·2	47·9	48·9	49·7	48·6	47·5	46·4	45·1	43·8	43·0	40·2	41·8	41·9	7
8	41·4	41·0	40·2	39·8	38·9	38·0	35·1	34·1	34·4	35·1	36·9	37·7	39·1	40·0	40·6	44·0	43·5	42·8	42·5	42·0	42·6	42·0	42·0	42·0	8
9	41·4	40·9	40·8	41·1	40·9	40·8	40·3	40·0	40·9	40·6	41·2	41·8	42·7	43·3	44·2	41·9	41·3	41·1	40·4	40·7	41·5	41·5	41·6	41·6	9
10	41·5	41·5	41·2	41·3	41·1	41·0	41·1	41·0	41·0	41·0	41·7	42·1	42·8	42·8	42·9	42·9	43·0	42·5	42·4	42·3	41·9	41·9	41·7	41·4	10
11	41·0	41·0	40·9	40·9	40·7	40·3	39·8	40·0	40·2	41·0	42·5	43·6	44·0	43·8	44·4	43·8	42·0	39·9	38·8	37·4	37·0	37·3	35·1	36·0	11
12	36·0	35·2	36·2	38·0	39·0	39·0	38·7	38·2	39·6	40·4	41·4	42·7	44·0	44·2	43·7	43·5	42·9	42·0	41·1	39·5	40·3	40·0	39·7	39·1	12
13	37·7	35·9	35·0	34·7	33·1	34·7	35·6	35·9	36·7	37·6	38·3	39·0	38·8	38·3	38·5	38·7	39·1	39·2	39·0	38·9	38·9	38·8	38·8	38·7	13
14	38·8	38·9	39·0	39·2	38·7	38·8	39·0	39·2	39·5	39·9	40·3	40·3	40·8	41·0	40·4	40·2	40·3	40·0	40·0	40·0	39·9	39·6	39·0	39·0	14
15	38·5	37·6	36·7	35·0	37·8	37·4	39·9	39·7	42·3	44·7	45·1	45·3	46·0	47·3	48·4	46·4	46·0	45·9	44·9	44·4	44·5	43·6	42·8	42·0	15
16	41·0	42·1	41·7	41·9	43·2	45·3	46·0	47·0	47·9	48·3	50·6	51·4	52·7	53·2	54·3	52·9	53·0	52·4	52·1	51·8	51·2	50·0	49·0	47·9	16
17	48·0	48·0	48·0	48·7	49·0	49·4	49·9	49·1	49·2	50·0	50·8	51·8	52·7	53·0	53·6	53·3	51·9	49·3	47·7	47·2	46·9	46·1	45·0	44·1	17
18	43·0	42·3	42·1	41·9	42·0	43·5	42·9	42·6	43·4	44·9	47·0	48·7	49·4	49·4	48·6	46·9	46·4	44·6	43·2	43·1	42·0	41·3	40·4	40·1	18
19	40·0	39·8	39·9	39·6	39·8	39·9	39·7	40·0	41·6	42·9	44·0	45·0	46·9	48·1	48·9	48·8	48·1	47·5	46·0	46·1	46·0	46·7	47·4	47·9	19
20	48·0	47·4	47·8	47·2	47·3	47·0	47·0	47·0	47·0	48·0	48·2	49·6	50·7	49·6	49·2	48·0	47·3	45·0	44·6	44·0	43·5	43·1	43·8	43·9	20
21	44·8	44·2	45·1	45·9	46·4	46·9	47·4	47·9	49·1	49·3	49·9	49·7	50·0	49·5	49·8	50·0	49·0	48·9	48·3	47·9	47·3	47·0	46·9	46·3	21
22	46·5	46·0	46·0	45·9	45·9	45·6	45·5	45·5	45·8	46·0	47·4	48·0	48·7	48·9	49·0	49·0	48·3	47·8	46·9	45·8	45·7	46·0	45·9	45·8	22
23	45·3	45·0	45·0	44·6	44·4	44·4	44·1	44·3	45·0	45·9	46·5	46·3	47·3	49·4	48·9	49·0	49·0	48·3	47·9	46·9	46·8	46·6	46·2	45·0	23
24	44·7	44·3	43·9	44·2	43·9	43·9	44·0	43·6	44·7	45·5	47·1	47·9	49·0	49·2	49·3	48·4	47·5	47·0	46·2	45·9	45·6	45·7	44·2	43·2	24
25	42·6	41·5	40·6	40·0	40·0	39·9	39·8	39·2	40·2	42·6	45·0	45·7	46·0	47·0	47·2	45·9	46·4	45·0	44·3	44·2	44·3	44·5	44·5	44·2	25
26	44·6	44·4	44·9	44·8	45·3	45·3	44·9	45·0	45·9	46·0	47·5	47·2	47·3	47·2	47·5	47·6	48·5	49·4	49·9	49·5	49·8	49·2	48·9	48·8	26
27	48·5	47·9	47·5	47·2	47·1	47·2	47·0	47·2	48·6	49·2	51·6	51·7	52·9	53·9	53·1	52·8	52·2	50·9	50·3	49·2	49·2	48·7	48·4	48·4	27
28	48·0	47·2	47·4	47·9	48·1	48·6	48·6	48·6	49·0	50·5	51·5	52·9	53·3	51·0	53·0	54·0	52·6	51·2	50·0	49·0	49·0	48·9	48·8	49·3	28
29																									29
30																									30
31																									31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

I	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
310	309	310	310	...	·*	...	310	31·5	·*	·*	350	361	372	379	367	352	338	333	333	330	338	347	350	1
351	353	354	359	362	366	369	371	376	380	390	397	407	417	420	421	419	417	415	414	413	413	413	408	2
381	378	384	384	390	390	390	391	394	398	401	406	409	409	413	411	409	406	403	403	400	399	396	392	3
390	390	387	382	380	380	377	379	379	380	388	390	397	393	392	389	380	380	379	380	379	374	373	372	4
377	379	378	376	378	374	375	376	380	381	387	390	394	400	399	396	394	392	390	390	393	396	400	400	5
400	399	391	388	383	380	376	367	366	368	375	378	381	386	400	400	399	392	393	394	397	399	395	399	6
403	403	403	406	408	409	409	403	409	421	436	444	443	450	460	452	449	441	430	419	414	398	407	408	7
406	401	395	390	386	359	349	339	340	347	362	373	389	399	430	421	410	405	404	406	390	390	390	390	8
389	386	382	379	377	377	379	377	377	379	384	390	401	402	409	397	398	399	391	392	400	406	410	410	9
409	410	407	408	407	406	408	409	407	409	415	420	428	426	426	426	426	422	422	422	419	418	414	413	10
410	410	408	406	404	402	395	397	400	408	417	419	420	416	410	402	399	393	378	366	360	361	345	353	11
354	348	353	363	375	377	375	369	380	388	395	403	413	415	402	403	400	397	395	382	389	382	380	381	12
369	363	347	342	330	343	352	357	366	373	380	389	379	378	380	381	389	389	387	385	384	382	382	380	13
382	383	384	386	381	383	386	389	395	397	399	399	402	408	397	398	400	399	399	397	392	389	383	384	14
379	369	361	372	370	368	389	388	414	438	446	448	459	468	473	449	447	442	443	420	428	415	413	408	15
400	408	400	407	420	439	449	457	460	469	487	491	501	500	507	499	503	499	500	499	493	478	469	460	16
461	462	466	469	477	479	478	470	471	479	481	489	499	501	502	508	507	481	462	459	451	447	434	429	17
416	408	405	402	401	415	411	411	419	429	442	450	450	444	431	432	425	414	417	408	400	399	401	390	18
390	388	388	384	387	388	384	388	389	410	417	427	440	452	450	450	450	447	448	450	450	459	465	469	19
469	463	462	459	460	459	465	462	462	469	477	477	479	472	466	462	463	422	420	419	419	415	422	423	20
427	433	444	452	459	464	470	472	479	485	479	478	479	479	480	481	478	470	464	460	453	451	450	448	21
445	445	447	440	440	439	435	432	439	440	446	448	454	458	459	460	458	455	450	440	439	443	443	442	22
440	440	439	439	438	438	430	430	438	445	450	454	458	469	465	465	468	463	460	462	460	459	447	447	23
442	440	438	436	433	433	434	433	442	448	455	462	468	470	461	461	461	460	457	455	452	451	438	423	24
420	408	399	394	394	389	387	381	392	409	426	427	439	433	431	434	441	442	439	437	438	440	440	438	25
439	440	445	446	452	451	443	448	450	448	456	451	450	456	463	470	478	483	489	489	489	484	480	478	26
470	461	460	460	460	460	460	466	472	477	492	492	502	510	506	506	502	493	490	480	483	480	482	471	27
466	462	460	468	470	472	473	475	483	500	510	520	528	497	514	513	487	489	476	470	470	470	473	478	28
																								29
																								30
																								31

Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21' N. LONG: 6°39' W. HOURLY VALUES February 1878.

WIND DIRECTION IN NUMBERS { 8=E 24=W / 16=S 32=N } AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	16	4	16	4.5	16	5.5	16	5.5	16	6.5	16	4.5	16	6.5	16	5.5	17	6.5	18	5.5	18	5.5	18	4.5	19	4.5
2	19	4.5	19	4.5	19	6.5	19	5.5	19	5.5	19	4	19	4.5	19	5.5	19	5.5	19	5.5	19	5.5	19	4	19	3
3	28	5.5	28	4	28	4	28	5.5	28	5.5	28	5.5	29	4.5	29	3	29	2	29	3	28	2	28	3	28	3
4	23	4	23	4	23	3	23	4	23	5.5	22	4.5	19	7.5	19	4.5	20	4.5	20	4.5	19	4	19	4.5	19	6.5
5	18	5.5	18	3	18	4.5	18	7.5	18	5.5	18	5.5	18	4	18	5.5	17	9.5	17	8.5	18	7.5	18	8.5	17	9.5
6	16	13	16	11	16	13	17	12	16	11	16	10.5	18	10.5	17	12	16	13	16	11	15	14	15	19	15	17
7	18	14	18	7.5	18	10.5	18	13	18	15	18	13	18	13	18	12	18	13	16	11	19	13	20	14	19	14
8	19	9.5	18	8.5	18	6.5	18	5.5	18	4	18	3	18	4	18	3	18	3	18	2	18	2	18	2	18	3
9	14	11	15	8.5	15	8.5	15	10.5	14	8.5	14	6.5	14	6.5	14	8.5	14	10.5	13	9.5	13	13	14	10.5	14	11
10	15	10.5	14	12	14	10.5	15	6.5	16	7.5	15	6.5	15	4	15	3	16	2	16	3	16	2	16	2	16	2
11	16	4.5	14	4.5	14	4.5	14	3	14	4	13	5.5	8	6.5	7	5.5	7	4	7	4.5	7	5.5	8	6.5	8	10.5
12	7	4.5	7	6.5	7	9.5	9	7.5	9	9.5	9	4.5	10	6.5	11	5.5	13	6.5	13	7.5	13	12	10	13	12	11
13	5	19	5	16	5	19	5	18	4	16	3	17	3	17	2	19	3	23	3	20	2	15	5	11	5	12
14	1	10.5	1	10.5	3	12	4	13	3	11	3	12	4	13	6	11	6	9.5	5	7.5	5	10.5	7	10.5	6	5.5
15	16	8.5	16	10.5	16	6.5	17	10.5	17	8.5	17	7.5	15	11	12	10.5	12	10.5	13	23	14	26	14	20	16	13
16	18	7.5	17	17	16	21	16	18	15	25	15	22	15	27	16	28	17	29	18	24	19	24	19	22	19	23
17	16	25	16	27	16	25	16	20	16	27	16	20	16	19	15	20	16	19	16	20	17	25	17	25	16	26
18	18	14	18	12	17	19	18	22	18	20	19	24	19	23	19	24	19	21	21	18	20	22	21	21	22	20
19	19	9.5	19	8.5	19	9.5	19	8.5	18	8.5	17	10.5	16	13	16	16	16	16	16	14	14	21	15	22	15	23
20	17	21	16	25	16	21	16	19	17	21	17	19	19	16	20	15	20	14	20	14	21	12	24	14	24	15
21	19	16	19	17	19	16	20	14	20	16	20	12	21	12	21	10.5	24	12	23	10.5	23	11	22	10.5	22	10.5
22	22	7.5	23	6.5	22	7.5	22	6.5	22	6.5	22	5.5	22	6.5	21	6.5	21	6.5	21	6.5	20	8.5	20	9.5	21	9.5
23	21	4.5	21	5.5	21	5.5	21	4.5	21	4	21	7.5	20	10.5	20	11	20	11	20	10.5	20	10.5	21	9.5	20	9.5
24	26	3	26	4	26	3	26	4	22	6.5	20	5.5	20	6.5	20	5.5	20	8.5	20	9.5	20	12	21	11	21	11
25	27	5.5	25	8.5	24	7.5	22	9.5	22	8.5	21	9.5	21	10.5	21	9.5	22	10.5	22	11	21	16	24	15	23	15
26	23	7.5	23	6.5	23	6.5	23	5.5	22	9.5	21	9.5	20	10.5	20	11	19	13	20	13	19	14	18	13	18	11
27	17	18	17	16	17	17	17	18	16	18	15	20	16	21	16	22	17	18	16	21	17	22	17	17	17	16
28	22	7.5	20	10.5	20	9.5	20	9.5	19	5.5	18	10.5	16	15	15	23	16	21	17	17	17	17	17	19	18	24
29																										
30																										
31																										

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	19	4	19	4.5	19	4	19	4.5	19	4.5	19	4.5	19	4.5	19	5.5	19	5.5	19	4.5	19	4.5
2	19	2	19	3	27	4	27	6.5	28	6.5	28	6.5	28	6.5	28	7.5	28	9.5	28	5.5	28	6.5
3	28	3	28	2	28	3	28	2	28	2	28	3	28	3	28	3	28	4	28	3	28	4.5
4	19	8.5	19	6.5	19	6.5	19	6.5	19	5.5	19	6.5	19	5.5	19	4.5	19	4.5	18	6.5	18	11
5	17	9.5	16	11	16	10.5	16	6.5	17	6.5	16	10.5	15	13	16	14	16	12	16	12	16	13
6	16	18	16	19	17	16	17	15	16	17	17	19	17	18	17	19	17	14	17	12	18	11
7	19	14	19	11	20	8.5	20	7.5	20	9.5	18	10.5	18	9.5	20	9.5	19	5.5	19	8.5	19	7.5
8	18	4.5	17	6.5	17	5.5	17	3	17	6.5	17	7.5	17	5.5	16	8.5	16	8.5	15	9.5	14	9.5
9	15	12	15	14	15	9.5	14	10.5	14	4.5	14	4.5	14	4.5	14	5.5	14	7.5	14	4.5	15	10.5
10	16	2	16	3	16	4	16	2	16	3	16	1.5	16	4	16	3	16	5.5	16	3	16	2
11	8	10.5	9	8.5	9	8.5	8	7.5	7	7.5	7	7.5	7	6.5	7	7.5	7	5.5	7	4.5	7	4.5
12	12	12	13	13	12	9.5	11	11	11	8.5	10	7.5	7	11	8	12	7	9.5	6	15	6	14
13	5	10.5	5	5.5	5	4.5	2	10.5	2	12	3	12	3	10.5	2	10.5	2	9.5	2	9.5	2	9.5
14	6	7.5	6	9.5	6	6.5	6	5.5	6	4.5	6	4	6	2	6	2	10	4.5	15	8.5	16	6.5
15	18	12	19	11	18	15	19	20	19	20	19	20	19	18	19	24	19	18	19	17	18	13
16	19	23	19	19	18	16	18	22	18	25	17	24	17	23	17	24	17	20	16	22	16	23
17	17	31	17	31	17	29	16	28	19	18	19	12	20	11	18	15	19	14	19	12	18	14
18	23	18	24	15	24	15	24	11	22	9.5	20	9.5	21	9.5	20	8.5	19	7.5	19	9.5	19	7.5
19	15	23	16	24	16	23	15	26	15	28	13	22	14	24	15	23	16	26	16	23	16	23
20	24	14	25	13	24	14	25	15	25	9.5	24	10.5	23	9.5	21	10.5	19	11	20	10.5	19	13
21	21	12	21	9.5	22	7.5	24	6.5	24	8.5	23	7.5	22	8.5	23	7.5	21	7.5	23	6.5	23	6.5
22	21	8.5	22	7.5	22	7.5	21	6.5	21	4	21	2	21	4	21	4.5	21	4	21	4	21	4.5
23	21	10.5	21	8.5	21	8.5	21	7.5	22	5.5	22	5.5	22	5.5	22	3	23	4	26	2	26	2
24	22	10.5	23	8.5	23	7.5	23	4.5	23	4.5	23	4	23	3	23	4	23	4.5	28	5.5	28	5.5
25	23	17	24	16	23	13	24	14	24	11	23	10.5	24	10.5	24	7.5	24	7.5	24	6.5	23	6.5
26	18	10.5	17	10.5	16	15	16	18	17	19	17	19	18	19	18	23	18	18	18	19	18	17
27	17	16	17	14	17	13	19	13	19	9.5	19	8.5	19	8.5	19	10.5	20	8.5	20	8.5	22	8.5
28	22	17	20	19	21	21	22	17	20	20	20	16	19	20	20	23	19	21	18	21	18	25
29																						
30																						
31																						

RAINFALL GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10	.010	.020	.010	.010																			.010	.010
11																								
12																								
13	.020	.050	.070	.030	.050	.010	.040	.010		.010								.020	.010	.010			.010	
14					.010	.010	.010	.020		.020	.010	.040	.010	.010			.010	.020	.030					
15													.050			.040								
16						.010	.010																	
17																	.065 (red) ~~.020~~	.015 (red) ~~.050~~						
18										~~.010~~ (red)														
19																					.020	.040		
20							.020														.005 (red)			
21										~~.010~~ (red)														
22																								
23																						.010		.015 (red)
24	.010									~~.010~~ (red)							.010			.020		.070	.015	
25										.005 (red)								.030	.010					
26			.010			.010									.020	.040	.020	.010		.010	.010	.030		
27						.010																		
28									.030				.040	.130										
29																								
30																								
31																								
023	.040	.070	.090	.040	.060	.050	.080	.030	.030	.030	.010	.040	.100	.140	.020	.080	.105	.095	.050	.040	.035	.150	.035	.025
2	3	2	3	2	2	5	4	2	1	2	1	1	3	2	1	2	4	5	3	3	3	4	3	2

Record defective or Instrument out of action

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·169	·166	·162	·162	...	*	...	·171	·170	*	*	·191	·197	·206	·214	·205	·195	·188	·181	·180	·180	·184	·192	·194
2	·194	·198	·197	·198	·204	·207	·210	·211	·218	·219	·228	·234	·242	·249	·247	·249	·245	·247	·246	·242	·242	·241	·244	·241
3	·218	·222	·226	·224	·217	·215	·221	·225	·230	·233	·232	·238	·240	·239	·242	·240	·243	·243	·238	·239	·235	·233	·231	·226
4	·226	·226	·220	·211	·207	·211	·202	·205	·205	·206	·211	·209	·214	·206	·209	·206	·197	·200	·197	·204	·205	·196	·194	·188
5	·202	·209	·205	·206	·203	·200	·206	·202	·201	·204	·210	·208	·213	·216	·216	·218	·214	·213	·209	·208	·212	·220	·229	·232
6	·234	·233	·219	·215	·213	·215	·208	·195	·193	·194	·198	·202	·201	·208	·216	·216	·223	·219	·221	·223	·227	·225	·225	·228
7	·230	·229	·229	·228	·231	·231	·233	·227	·233	·236	·246	·249	·250	·256	·268	·262	·267	·262	·252	·244	·242	·241	·241	·242
8	·244	·237	·235	·228	·213	·210	·201	·193	·191	·197	·205	·218	·235	·245	·248	·246	·229	·227	·228	·225	·201	·207	·207	·210
9	·210	·209	·203	·194	·193	·194	·202	·202	·193	·199	·203	·209	·220	·216	·220	·221	·228	·232	·224	·222	·230	·243	·250	·250
10	·249	·251	·248	·249	·249	·248	·252	·255	·250	·255	·260	·266	·268	·270	·269	·267	·268	·265	·266	·267	·266	·264	·258	·259
11	·257	·257	·254	·249	·248	·247	·239	·241	·245	·253	·255	·246	·244	·238	·220	·211	·223	·214	·216	·208	·200	·199	·193	·199
12	·201	·198	·197	·195	·209	·212	·212	·204	·211	·218	·221	·224	·221	·232	·212	·216	·216	·220	·224	·217	·221	·211	·210	·219
13	·210	·200	·198	·192	·187	·194	·201	·207	·216	·219	·225	·236	·218	·221	·223	·223	·235	·234	·232	·229	·227	·224	·224	·221
14	·224	·225	·226	·228	·223	·226	·230	·234	·232	·242	·241	·241	·241	·253	·236	·241	·243	·245	·245	·242	·235	·236	·224	·222
15	·221	·211	·204	·212	·210	·211	·225	·226	·250	·275	·288	·291	·309	·314	·312	·280	·280	·270	·258	·258	·255	·246	·240	·241
16	·235	·240	·228	·240	·253	·270	·285	·277	·286	·304	·320	·321	·329	·320	·324	·321	·330	·328	·334	·336	·328	·304	·296	·286
17	·287	·290	·299	·299	·315	·315	·305	·297	·298	·307	·303	·311	·324	·325	·320	·338	·354	·321	·294	·293	·278	·279	·262	·262
18	·247	·238	·234	·230	·227	·240	·237	·240	·249	·252	·257	·257	·251	·251	·246	·236	·244	·248	·240	·248	·241	·232	·224	·225
19	·226	·224	·223	·219	·222	·223	·218	·222	·225	·235	·238	·239	·254	·266	·256	·257	·262	·267	·283	·286	·287	·300	·305	·308
20	·307	·295	·293	·293	·294	·296	·311	·303	·303	·307	·325	·307	·300	·296	·287	·267	·257	·237	·237	·242	·248	·244	·250	·251
21	·259	·270	·284	·293	·304	·309	·317	·315	·319	·318	·308	·308	·307	·314	·312	·312	·310	·299	·292	·286	·278	·277	·276	·279
22	·270	·276	·269	·266	·266	·267	·260	·253	·265	·265	·260	·259	·271	·273	·274	·276	·278	·277	·276	·267	·266	·272	·273	·271
23	·272	·275	·273	·274	·278	·267	·264	·261	·271	·277	·281	·285	·289	·295	·288	·287	·301	·293	·299	·305	·303	·306	·292	·292
24	·284	·284	·284	·283	·273	·273	·274	·274	·284	·289	·286	·291	·294	·296	·275	·283	·294	·298	·301	·300	·297	·293	·281	·260
25	·260	·247	·238	·234	·234	·225	·222	·218	·228	·236	·245	·241	·263	·239	·233	·253	·262	·280	·282	·278	·279	·282	·282	·281
26	·278	·283	·288	·292	·300	·297	·283	·287	·288	·283	·283	·275	·271	·286	·299	·315	·324	·322	·333	·339	·335	·328	·323	·318
27	·304	·288	·292	·295	·297	·295	·298	·310	·307	·312	·320	·319	·328	·335	·336	·340	·337	·332	·331	·320	·327	·326	·327	·307
28	·299	·300	·293	·305	·308	·307	·310	·315	·330	·355	·368	·375	·392	·341	·358	·342	·296	·318	·300	·298	·298	·299	·307	·313
29																								
30																								
31																								
									6·889												7·143			

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG. 4°18′ W

HOURLY VALUES February 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·393	30·389	30·381	30·369	30·359	30·354	30·343	30·333	30·333	30·329	30·323	30·318	30·306	30·296	30·276	30·268	30·260	30·258	30·259	30·258	30·252	30·258	30·256	30·253	1
2	·254	·246	·239	·246	·243	·244	·248	·252	·256	·256	·254	·238	·226	·214	·206	·202	·204	·212	·208	·214	·214	·218	·226	·228	2
3	·226	·224	·226	·228	·224	·230	·243	·258	·270	·279	·284	·281	·269	·269	·265	·265	·265	·275	·269	·271	·275	·275	·271	·261	3
4	·259	·259	·253	·251	·243	·239	·243	·255	·255	·263	·265	·273	·263	·264	·255	·257	·257	·267	·261	·253	·251	·254	·253	·261	4
5	·259	·263	·255	·248	·249	·243	·247	·249	·259	·263	·271	·275	·271	·259	·257	·258	·257	·257	·253	·257	·257	·259	·261	·259	5
6	·251	·243	·231	·221	·219	·215	·207	·211	·217	·217	·220	·213	·205	·189	·185	·179	·177	·181	·172	·169	·167	·186	·179	·189	6
7	·191	·192	·183	·185	·181	·178	·181	·199	·201	·215	·208	·214	·212	·213	·216	·220	·227	·241	·246	·257	·256	·272	·293	·300	7
8	·304	·306	·300	·305	·302	·302	·301	·311	·316	·325	·326	·316	30·296	30·285	30·268	30·256	30·252	30·248	30·242	30·236	30·234	30·218	30·206	30·200	8
9	30·180	30·158	30·136	30·117	30·090	30·076	30·062	30·052	30·034	30·020	30·019	30·001	29·973	29·947	29·925	29·904	29·891	29·881	29·866	29·863	29·845	29·833	29·821	29·803	9
10	29·791	29·777	29·757	29·741	29·735	29·736	29·726	29·728	29·733	29·730	29·729	29·727	·715	·705	·697	·703	·710	·720	·719	·721	·728	·727	·731	·741	10
11	·749	·757	·755	·759	·759	·764	·770	·787	·797	·809	·822	·820	·818	·811	·816	·820	·833	·858	·870	·888	·889	·907	·914	·924	11
12	·934	·938	·943	·948	·957	·966	·977	·986	·996	·998	·986	·986	·972	·962	·952	·958	·946	·940	·932	·918	·908	·897	·882	·864	12
13	·840	·818	·776	·747	·721	·702	·688	·676	·674	·672	·680	·683	·661	·651	·649	·653	·665	·669	·669	·681	·687	·703	·707	·701	13
14	·715	·721	·713	·721	·723	·719	·730	·739	·747	·757	·757	·757	·737	·719	·699	·691	·679	·669	·657	·645	·642	·632	·623	·627	14
15	·635	·631	·624	·625	·631	·635	·647	·651	·651	·647	·643	·625	·601	·573	·557	·549	·534	·537	·531	·546	·561	·601	·621	·639	15
16	·659	·669	·686	·687	·693	·691	·669	·653	·632	·589	·613	·621	·629	·639	·643	·651	·662	·662	·657	·673	·669	·676	·663	·677	16
17	·681	·679	·679	·671	·655	·647	·634	·635	·638	·643	·620	·596	·582	·572	·546	·514	·490	·468	·446	·444	·488	·496	·504	·506	17
18	29·512	29·516	29·510	29·518	29·511	29·504	29·498	29·518	29·536	29·554	29·576	29·594	29·614	·644	·675	·720	·764	·808	·842	·881	·912	·941	·968	·994	18
19	30·004	30·032	30·035	30·038	30·044	30·046	30·060	30·072	30·072	30·058	30·048	30·033	30·006	·974	·956	·940	·900	·906	·882	29·851	29·816	29·794	29·764	29·729	19
20	29·710	29·706	29·681	29·666	29·667	29·668	29·642	29·654	29·664	29·679	29·700	29·722	29·736	29·762	29·796	29·836	29·878	29·928	29·938	30·002	30·038	30·065	30·086	30·102	20
21	30·116	30·115	30·114	30·122	30·136	30·144	30·158	30·170	30·182	30·184	30·192	30·223	30·221	30·227	30·233	30·227	30·251	30·283	30·291	·293	·289	·297	·293	·303	21
22	·291	·287	·285	·281	·284	·291	·289	·291	·296	·299	·308	·307	·288	·276	30·267	30·262	30·254	30·255	30·258	·258	·260	·208	·210	·198	22
23	·186	30·162	30·134	30·118	30·106	30·089	30·074	30·080	30·076	30·070	30·060	30·049	30·024	30·013	29·997	29·990	29·979	29·984	29·997	30·005	30·009	30·018	30·010	30·006	23
24	30·004	29·997	29·989	29·972	29·957	29·945	29·942	29·941	29·933	29·921	29·909	29·885	29·873	29·857	·837	·825	·825	·837	·839	29·835	29·827	29·825	29·811	29·807	24
25	29·795	·791	·768	·748	·741	·731	·729	·735	·727	·719	·720	·707	·688	·658	·650	·638	·646	·650	·670	·688	·698	·700	·699	·704	25
26	·702	·702	·706	·702	·704	·700	·704	·706	·704	·706	·706	·689	·666	·654	·638	·628	·620	·618	·600	·578	·550	·524	·504	·492	26
27	·477	·464	·460	·450	·444	·434	·424	·412	·401	·378	·357	·341	·327	·307	·289	·277	·279	·285	·299	·313	·319	·323	·329	·357	27
28	29·377	29·383	29·395	29·411	29·433	29·439	29·435	29·425	29·416	29·385	29·376	29·328	29·286	29·242	29·220	29·254	29·296	29·328	29·350	29·362	29·358	29·368	29·360	29·350	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	35·5	35·3	36·9	38·0	38·0	38·0	38·7	38·9	39·1	39·8	40·8	41·7	42·5	42·9	43·3	42·4	41·2	40·8	41·0	39·6	39·9	39·0	38·2	38·5
2	38·1	35·9	31·9	31·7	30·8	31·1	30·8	31·1	32·0	32·5	32·6	31·9	32·0	37·0	41·2	41·0	41·9	41·9	41·1	37·8	38·2	36·3	34·9	35·8
3	29·8	28·7	28·2	30·2	28·5	28·3	29·7	30·4	30·7	30·6	31·0	30·9	32·8	35·8	37·6	38·0	38·1	38·0	37·5	37·3	37·8	37·7	37·7	37·7
4	38·4	38·8	38·9	39·0	39·7	39·3	39·3	39·8	40·7	40·7	41·5	41·9	42·9	43·0	42·9	42·5	41·9	41·5	41·0	40·8	40·5	40·0	39·8	39·8
5	40·0	40·2	39·8	39·2	39·0	39·8	40·3	40·2	40·9	41·6	42·4	42·5	42·9	43·2	42·9	42·3	42·0	41·8	41·9	41·8	41·8	41·8	41·7	41·6
6	41·7	41·0	41·0	40·9	41·0	41·4	41·4	41·3	41·2	41·9	41·7	41·2	40·4	40·1	39·6	39·9	39·8	39·4	39·9	40·2	41·2	41·3	41·9	42·1
7	42·6	42·8	42·9	43·1	43·0	43·5	43·5	43·8	43·6	44·1	44·9	45·8	45·7	46·2	47·8	46·2	46·8	47·3	46·9	46·3	46·2	45·4	46·0	45·8
8	45·9	45·8	46·0	44·8	45·3	45·1	44·7	44·5	44·7	45·1	45·9	46·6	47·9	47·6	47·2	46·2	45·1	43·5	41·7	40·6	39·5	39·9	39·2	39·4
9	39·7	39·3	38·1	37·7	38·3	37·9	38·0	38·9	39·1	40·1	41·4	41·1	40·9	40·9	41·2	40·8	40·4	39·8	39·5	39·3	39·1	38·7	38·8	38·6
10	38·6	38·8	38·7	38·5	38·5	38·2	38·2	38·2	38·2	38·3	38·9	39·1	39·8	40·5	40·4	40·2	40·2	40·1	39·7	38·5	37·7	37·8	37·7	37·5
11	37·1	37·2	36·7	35·5	35·6	35·6	34·9	35·0	34·7	34·2	34·9	35·3	36·2	37·6	39·6	39·8	38·3	37·9	37·1	35·5	37·0	36·8	37·7	37·6
12	37·6	36·5	35·0	34·5	34·3	33·3	32·6	31·4	31·9	34·0	35·5	37·8	40·7	41·2	42·2	40·2	39·2	38·9	37·8	37·5	37·2	36·0	35·5	33·8
13	33·0	32·9	33·1	33·5	33·9	34·4	33·4	33·3	33·9	34·1	34·8	35·7	36·8	36·9	37·6	37·8	37·8	37·6	37·7	37·8	37·8	38·1	38·3	38·3
14	38·2	38·5	38·7	39·0	38·9	39·0	39·2	39·8	39·9	40·0	40·5	40·5	40·5	40·4	40·2	39·9	39·6	39·2	39·5	39·6	40·2	40·6	40·8	40·9
15	41·9	41·8	41·5	41·1	40·7	40·6	40·4	40·9	42·0	42·5	43·5	44·9	45·8	45·9	44·0	43·6	42·8	44·5	45·0	46·0	45·3	45·1	45·1	44·5
16	44·5	44·0	43·9	42·8	41·1	40·7	41·9	43·3	45·6	46·8	48·2	48·0	50·1	50·0	50·6	48·7	48·9	48·7	49·1	49·9	50·7	50·2	50·2	49·4
17	48·0	47·1	46·4	46·9	47·2	48·1	48·7	48·7	48·9	49·0	50·5	51·1	51·2	50·7	50·8	50·7	50·3	50·8	50·9	50·9	48·1	46·9	46·0	45·0
18	44·0	44·1	43·8	43·8	42·2	42·1	42·6	43·5	44·0	45·0	45·0	46·2	47·4	43·5	45·7	44·3	44·6	43·3	42·1	42·2	41·9	42·1	41·7	40·5
19	40·2	39·4	39·2	39·5	40·7	40·9	40·8	40·9	41·1	41·5	43·9	45·6	46·4	47·0	46·8	46·2	45·7	44·5	44·8	45·1	45·3	45·1	44·8	44·2
20	44·1	44·3	44·3	44·2	45·1	45·7	46·3	47·1	47·5	47·9	48·9	49·2	48·2	50·4	49·9	48·8	47·1	45·8	45·0	43·2	43·7	43·9	44·5	44·3
21	44·5	44·2	44·3	44·1	44·8	45·8	47·6	48·0	48·5	49·1	49·7	49·4	49·0	49·2	49·5	49·1	48·8	48·3	48·0	47·8	47·7	47·2	47·1	46·9
22	46·7	46·3	46·2	46·2	46·3	46·2	46·2	46·2	46·8	47·9	47·9	47·5	48·1	47·9	47·5	46·5	46·4	45·2	44·0	43·5	43·8	43·5	43·7	44·2
23	44·7	44·5	44·4	44·2	44·4	44·1	43·8	43·7	44·1	45·0	46·3	47·1	46·7	47·1	47·7	46·7	46·6	46·1	46·7	45·5	44·0	41·7	40·6	40·5
24	40·9	40·3	40·3	39·1	39·5	39·9	40·9	41·0	42·4	44·0	45·0	46·7	46·0	45·1	46·4	46·2	44·1	43·1	42·9	42·5	41·7	41·5	41·0	41·5
25	40·9	40·3	41·3	40·0	40·2	38·9	39·4	40·3	41·3	42·0	44·5	43·7	42·3	42·6	41·8	43·1	42·9	40·4	41·8	40·9	41·2	40·4	39·9	39·9
26	39·9	39·5	40·7	40·9	40·3	39·9	39·9	40·0	40·5	41·1	43·2	44·5	44·8	44·3	44·9	45·8	45·8	45·3	44·9	44·8	45·1	45·0	45·0	45·4
27	47·9	47·9	47·9	47·6	46·5	46·0	46·2	46·7	46·8	47·2	47·7	48·1	49·5	50·5	51·1	49·9	49·8	49·1	48·8	48·4	48·0	48·2	48·5	48·1
28	47·2	47·1	47·0	46·7	46·8	46·6	46·3	46·6	47·1	47·9	48·9	48·7	49·1	49·9	50·5	48·2	48·8	50·3	48·9	48·2	46·5	47·2	47·1	47·0
29																								
30																								
31																								

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
34·9	34·8	36·2	36·9	36·9	36·8	37·2	37·7	38·0	38·5	39·7	40·2	41·0	41·3	41·7	40·8	40·0	39·8	39·7	38·8	38·8	38·0	37·8	37·9	1
37·5	35·3	31·8	31·7	30·7	31·0	30·5	...	...	...	*	...	...	...	38·7	38·9	39·5	39·3	38·8	37·0	37·6	36·0	34·5	35·5	2
29·3	*	28·1	30·1	28·5	28·2	29·1	30·2	30·6	30·6	*	30·9	32·1	32·4	36·0	36·8	36·9	36·9	36·5	36·5	36·8	36·8	36·9	37·0	3
37·5	37·8	37·9	38·0	38·0	38·0	37·7	38·0	38·6	38·8	39·3	39·9	40·7	41·0	40·8	40·7	40·1	39·7	39·2	39·0	38·8	38·5	38·2	37·9	4
37·7	37·6	37·6	36·7	36·8	36·9	37·7	37·8	38·6	39·2	39·8	39·6	40·0	40·2	39·2	39·3	39·7	39·1	39·0	39·5	39·8	39·9	39·9	39·9	5
39·7	38·9	38·9	38·9	39·5	40·0	40·1	39·9	39·8	40·3	39·3	39·1	38·8	38·4	37·8	37·9	37·5	37·6	37·8	38·3	39·2	39·6	39·9	40·3	6
40·9	41·1	41·2	41·7	41·7	41·9	41·9	42·0	41·9	42·3	42·9	43·5	43·7	44·1	45·1	44·3	44·9	45·7	45·7	45·6	45·3	44·8	45·3	45·1	7
45·1	44·9	44·8	43·6	44·2	44·1	43·7	43·7	43·7	44·1	44·9	45·2	46·2	45·8	45·5	44·5	43·9	42·2	41·0	40·2	38·9	39·3	38·5	38·2	8
38·6	38·4	36·9	36·5	37·1	36·8	36·9	37·7	37·9	38·8	38·9	38·8	39·1	39·1	38·9	37·9	37·8	37·7	37·5	37·2	37·0	36·8	36·9	36·8	9
36·9	37·1	37·2	37·0	37·5	37·6	37·8	37·8	37·8	37·8	38·5	38·8	39·1	39·7	39·6	39·6	39·2	38·9	38·9	37·5	37·7	37·5	37·3	37·2	10
36·8	36·9	36·2	35·3	35·2	35·3	34·8	34·9	34·6	34·1	34·4	34·8	35·5	36·5	37·9	37·8	36·3	36·1	35·6	34·5	35·9	35·7	36·2	36·0	11
35·9	35·0	34·3	33·5	33·0	32·3	31·7	30·6	31·2	32·7	33·9	35·2	36·9	37·6	38·1	36·5	36·0	35·9	35·1	34·6	34·5	33·8	33·3	32·1	12
31·7	31·4	32·0	32·0	32·5	32·6	32·3	32·7	33·2	33·9	34·2	34·8	35·6	36·0	36·6	36·8	36·8	36·7	36·5	36·5	36·6	36·9	37·2	37·3	13
37·1	37·3	37·4	37·8	37·7	38·0	38·1	38·2	38·2	38·5	39·1	39·0	39·3	39·3	39·2	39·1	38·8	38·2	38·2	38·2	39·0	39·5	39·7	40·1	14
40·8	40·5	39·5	39·1	38·9	39·0	38·7	38·9	39·7	40·3	41·5	42·5	42·7	42·4	42·4	42·6	42·0	43·2	44·0	44·5	43·9	43·5	43·5	42·8	15
42·9	42·4	42·2	41·2	39·9	39·4	40·5	41·8	44·1	45·2	46·6	46·8	47·8	47·7	47·5	47·6	47·3	47·4	47·9	48·4	48·9	48·8	48·7	47·7	16
46·0	45·1	44·7	45·0	45·6	46·5	46·8	46·9	47·0	47·3	47·8	48·0	48·1	47·8	47·3	47·5	47·0	47·7	48·1	48·6	46·3	45·2	44·1	43·2	17
42·1	42·6	42·2	42·0	40·5	39·8	40·3	41·3	41·7	42·7	42·8	43·9	44·0	41·9	43·7	42·4	41·9	41·2	40·5	40·8	40·5	40·9	40·5	39·8	18
39·5	38·8	38·8	39·0	39·9	40·2	40·2	40·3	39·9	40·0	41·8	43·0	42·9	43·1	43·1	42·4	41·9	41·2	41·7	41·9	42·0	42·2	42·2	42·0	19
42·1	42·1	42·5	42·7	43·3	43·8	44·8	45·5	46·2	46·3	47·0	47·3	47·0	48·3	47·3	45·9	44·3	42·9	41·9	41·5	41·2	41·1	41·9	42·3	20
43·0	42·9	43·2	43·3	44·1	45·1	46·9	47·1	47·7	48·0	47·7	47·5	47·0	47·0	47·0	46·7	46·5	46·2	45·9	45·9	45·9	45·6	45·3	45·2	21
45·0	44·9	44·9	44·9	45·1	45·1	45·2	45·0	45·2	45·9	46·2	45·9	45·9	45·2	44·8	44·3	44·0	43·3	42·7	41·9	42·0	41·9	41·9	42·2	22
42·7	42·5	42·5	42·2	42·2	42·1	42·3	42·7	43·0	43·2	43·8	45·0	44·7	44·9	45·7	45·1	45·4	45·3	45·7	43·6	40·9	39·8	39·3	39·4	23
39·5	39·1	39·0	38·1	38·6	38·9	39·8	39·9	41·0	42·2	42·2	43·0	42·8	42·9	43·4	43·4	42·5	41·1	40·8	40·5	39·1	38·5	37·9	38·4	24
38·1	36·6	38·8	38·1	38·1	36·9	37·5	37·9	38·6	39·1	40·7	40·9	40·9	40·5	40·0	40·7	40·0	38·7	39·0	38·9	38·9	38·4	37·9	37·5	25
38·0	37·9	38·8	38·9	38·9	38·6	38·6	39·0	39·2	40·1	41·8	42·9	43·1	43·2	43·7	44·6	44·2	43·9	43·7	43·9	44·0	44·1	44·5	44·9	26
47·2	47·1	47·1	46·8	45·7	45·2	45·2	45·3	45·4	45·9	46·1	46·8	47·9	48·5	48·8	48·2	48·1	47·8	47·7	47·3	47·1	47·2	47·3	47·2	27
46·7	46·3	46·3	45·8	45·9	45·9	45·7	45·8	45·9	45·9	46·7	47·2	47·9	48·9	49·7	46·1	46·8	47·8	46·6	45·2	44·8	44·9	45·1	45·0	28
																								29
																								30
																								31

*Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53′ N. LONG: 4°18′ W. **HOURLY VALUES** *February* **1878.**

WIND — DIRECTION IN NUMBERS { 8–E, 16–S, 24–W, 32–N } AND VELOCITY IN MILES PER HOUR

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	23	7.5	23	5.5	23	8.5	22	10.5	22	9.5	22	9.5	22	9.5	22	12	22	7.5	22	10.5	22	6.5	22	4.5
2	23	4.5	23	3	28	5.5	1	4.5	1	5.5	1	4.5	1	4	1	3	1	2	1	2	1	2	1	3
3	32	4.5	1	5.5	1	4.5	5	4.5	5	4	5	3	5	1.5	5	2	5	2	5	1.5	5	3	5	4
4	24	3	24	4	24	4	23	7.5	25	5.5	25	4.5	25	6.5	21	7.5	21	8.5	20	6.5	21	9.5	26	7.5
5	19	14	19	18	20	13	19	8.5	21	7.5	22	7.5	20	10.5	19	9.5	24	4	20	6.5	20	17	20	17
6	20	9.5	18	10.5	18	9.5	18	8.5	19	9.5	22	9.5	20	8.5	18	9.5	18	9.5	19	11	20	15	18	13
7	20	17	20	15	18	16	19	15	19	16	19	17	20	20	19	20	19	18	22	11	20	16	21	16
8	22	8.5	20	9.5	21	7.5	21	4	21	4	21	3	21	2	21	3	17	4	19	6.5	21	6.5	21	8.5
9	24	3	24	3	24	3	24	2	16	3	16	2	16	1.5	16	3	16	2	16	4	22	2	22	5.5
10	20	3	20	1.5	20	1.5	20	2	20	1.5	20	2	20	1.5	20	2	20	1.5	20	1.5	20	4.5	20	2
11	27	2	27	2	27	3	27	3	27	2	27	2	27	2	27	2	32	4	6	4.5	5	5.5	5	4
12	6	5.5	6	4	6	4.5	12	5.5	10	7.5	9	6.5	8	7.5	5	7.5	5	5.5	6	5.5	6	5.5	8	5.5
13	6	11	6	16	6	19	5	23	6	20	6	22	6	22	6	23	6	25	5	22	6	24	6	20
14	5	25	5	22	5	21	5	22	5	18	7	19	7	15	7	15	6	19	6	19	7	21	5	23
15	10	8.5	14	6.5	14	8.5	14	8.5	14	7.5	16	9.5	15	7.5	15	7.5	14	9.5	12	8.5	14	11	14	10.5
16	20	16	19	16	19	18	19	18	18	11	17	12	17	18	16	16	16	18	17	22	19	25	20	25
17	19	25	18	21	18	18	17	16	17	17	18	23	16	26	16	24	16	21	17	20	17	21	17	25
18	20	14	20	19	19	19	20	10.5	18	14	18	19	18	23	20	22	19	24	20	28	20	36	20	31
19	24	6.5	25	4.5	25	4.5	25	3	20	6.5	20	6.5	19	5.5	19	4.5	16	6.5	18	6.5	14	9.5	16	17
20	15	20	15	21	16	21	16	21	14	13	14	13	16	20	17	24	18	19	20	22	20	22	20	20
21	22	16	20	18	20	19	20	15	18	9.5	20	15	21	19	21	19	22	20	22	22	24	29	22	17
22	22	20	22	16	22	15	20	16	22	15	21	15	22	14	21	12	23	17	23	17	23	16	22	15
23	23	12	22	12	23	10.5	22	12	21	11	21	8.5	21	9.5	20	11	20	10.5	20	13	21	15	21	14
24	24	6.5	26	5.5	22	5.5	22	5.5	22	6.5	21	9.5	19	12	19	11	21	10.5	21	18	21	22	22	24
25	20	12	21	12	22	18	22	20	22	19	23	18	24	17	23	18	23	21	22	22	23	25	22	25
26	22	11	25	10.5	22	7.5	27	5.5	24	6.5	24	7.5	24	5.5	24	4.5	24	3	24	2	21	9.5	20	13
27	20	19	20	20	19	16	18	15	18	16	17	14	16	14	16	14	16	10.5	14	10.5	15	14	17	16
28	19	6.5	19	5.5	19	7.5	19	8.5	19	7.5	19	7.5	18	5.5	16	7.5	18	12	16	8.5	16	10.5	15	11
29																								
30																								
31																								

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	22	4.5	22	3	22	4	22	6.5	23	5.5	23	4.5	23	4	23	5.5	23	4	23	3	23	4	23	2
2	1	2	24	4	24	4.5	24	6.5	24	4.5	27	5.5	27	4	27	4	27	4.5	27	4	27	4	27	4.5
3	5	4	5	3	5	2	5	3	5	3	5	4.5	5	3	28	3	28	2	28	4	24	5.5	24	3
4	20	7.5	24	5.5	19	13	19	15	20	16	19	12	18	13	19	12	19	12	19	11	19	11	19	9.5
5	20	14	20	16	20	16	20	10.5	21	10.5	20	12	20	12	20	10.5	20	9.5	20	10.5	20	7.5	20	8.5
6	20	10.5	19	14	18	13	17	12	19	11	18	17	19	16	18	19	20	26	19	17	20	20	20	24
7	21	15	21	11	22	18	21	15	19	10.5	22	17	22	11	22	12	22	14	22	14	22	11	22	12
8	20	8.5	20	9.5	20	9.5	20	7.5	20	5.5	24	5.5	24	6.5	24	6.5	24	4.5	24	5.5	24	5.5	24	4
9	19	6.5	19	4.5	19	7.5	16	10.5	20	4.5	20	5.5	20	6.5	17	5.5	20	4.5	20	4.5	20	2	20	5.5
10	20	2	22	5.5	24	5.5	24	4.5	24	4.5	24	4.5	24	4.5	21	5.5	21	4	21	3	27	3	27	2
11	5	3	5	4	5	4	5	6.5	5	8.5	5	8.5	6	7.5	6	7.5	6	4.5	6	6.5	6	5.5	6	4.5
12	14	7.5	15	7.5	16	9.5	15	7.5	13	6.5	8	5.5	10	5.5	10	7.5	10	12	7	8.5	6	7.5	4	7.5
13	6	19	6	22	6	18	6	23	7	17	6	20	6	25	6	24	6	25	5	21	7	20	6	22
14	6	22	6	25	7	20	6	22	5	25	5	29	5	27	5	26	6	20	6	22	6	19	8	10.5
15	13	13	12	13	8	10.5	8	8.5	6	6.5	13	6.5	20	10.5	19	19	20	23	20	22	20	21	20	25
16	19	24	18	19	18	19	18	23	17	17	17	18	18	20	17	26	17	27	17	27	17	26	17	24
17	16	23	15	13	15	14	11	12	12	11	14	13	16	24	20	29	20	17	19	12	19	13	18	12
18	24	30	21	28	23	26	22	19	22	18	22	16	24	6.5	23	9.5	26	7.5	25	8.5	24	7.5	25	4
19	16	17	16	15	16	16	15	14	14	15	15	14	14	13	14	15	15	22	16	23	14	18	14	21
20	20	20	23	22	24	21	23	16	24	20	25	20	24	19	21	14	21	12	22	15	23	13	22	14
21	22	21	22	24	21	21	22	28	22	21	23	23	23	21	23	16	23	15	22	15	22	18	22	20
22	22	15	23	16	23	18	23	15	23	13	23	12	25	10.5	23	9.5	24	8.5	25	8.5	22	10.5	21	14
23	20	17	21	15	21	14	21	15	19	14	20	17	22	12	24	11	24	10.5	24	9.5	24	8.5	23	6.5
24	22	24	22	19	22	20	22	19	19	9.5	20	10.5	21	11	19	10.5	22	13	22	15	22	18	21	14
25	23	23	22	24	23	29	22	28	23	22	24	23	24	12	23	13	24	13	24	13	23	11	23	9.5
26	20	14	20	14	20	13	20	12	20	15	19	11	18	9.5	16	7.5	14	5.5	9	6.5	7	4	20	9.5
27	18	15	17	17	17	16	16	12	16	11	16	9.5	19	6.5	17	7.5	17	4.5	17	4.5	20	7.5	21	8.5
28	16	17	16	18	24	25	22	13	22	20	23	25	22	22	19	15	20	17	20	18	19	20	20	19
29																								
30																								
31																								

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.015	.025	.002	.	.	.006	.004	.001	.002	.	.	.	.	.	.	.
14	.	.	.001	.			.004	.	.	.	.	.	.	.	.	.	.028	.032	.016	.016	.008	.	.	.
15	.	.	.002	.	.001	.001	.001	.002	.002	.	.	.	.	.	.070	.150	.060	.	.	.002	.	.	.	.001
16	.001	.003	.	.001	.	.		.011	.008	.027	.004	.017	.001	.	.	.040	.030	.010	.036	.014	.	.012	.003	.
17	.	.	.	.	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.022	.011	.020	.021	.006
18	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.130	.002	.003	.	.	.003	.	.	.	.	.
19	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.013
20	.007	.010	.001	.007	.003	.	.011	.	.	.003	.	.005	.	.	.	.	.	.	.	.005	.	.	.	.
21	.	.	.	.	.017	.004	.001	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.022	.006	.001	.	.	.020	.002	.038	.004	.034	.	.	.001	.001	.	.	.
26	.	.	.	.	.	.	.	.	.002	.003	.	.	.	.	.	.	.	.	.	.020	.043	.021	.036	.093
27	.037	.060	.032	.018	.003	.004	.003	.003	.007	.010	.	.	.	.	.	.	.	.	.	.030	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.039	.086	.160	.095	.	.	.	.	.005	.	.001	.
29																								
30																								
31																								
113	.046	.073	.038	.026	.027	.009	.020	.040	.040	.069	.006	.027	.065	.224	.274	.293	.154	.042	.055	.110	.068	.053	.061	.113
3	2	3	3	2	4	2	3	4	5	5	7	3	3	3	4	5	4	2	3	7	4	3	3	3

* Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	.197	.197	.205	.206	.206	.204	.206	.213	.217	.219	.231	.232	.240	.241	.246	.237	.233	.233	.229	.227	.223	.218	.222	.221
2	.217	.200	.178	.180	.170	.173	.163	...	... 17.6	...	*	...	...	...	.208	.213	.217	.213	.210	.210	.218	.208	.195	.205
3	.151	*	.151	.166	.157	.152	.149	.164	.170	.171	*	.173	.172	.149	.194	.204	.205	.206	.205	.207	.206	.208	.210	.212
4	.214	.216	.217	.218	.210	.215	.209	.209	.211	.214	.217	.224	.229	.234	.231	.233	.228	.225	.219	.217	.217	.217	.213	.207
5	.202	.198	.202	.193	.195	.189	.199	.201	.209	.213	.217	.213	.216	.217	.202	.209	.220	.211	.208	.218	.223	.225	.226	.227
6	.223	.213	.213	.214	.225	.231	.233	.230	.229	.232	.214	.215	.218	.214	.207	.206	.200	.206	.204	.211	.217	.224	.224	.230
7	.236	.238	.239	.248	.249	.248	.248	.246	.246	.249	.252	.257	.262	.265	.267	.270	.275	.287	.292	.297	.292	.290	.294	.291
8	.290	.287	.283	.269	.277	.276	.272	.275	.272	.276	.286	.285	.291	.286	.284	.274	.272	.254	.249	.244	.230	.233	.226	.218
9	.222	.223	.205	.202	.207	.205	.206	.213	.215	.221	.210	.210	.218	.218	.211	.197	.199	.204	.204	.200	.198	.198	.199	.199
10	.201	.203	.206	.204	.214	.218	.222	.222	.222	.221	.229	.233	.230	.235	.234	.237	.228	.223	.224	.214	.226	.220	.218	.218
11	.215	.216	.208	.205	.201	.203	.201	.202	.200	.194	.193	.197	.201	.203	.209	.205	.192	.193	.192	.189	.198	.197	.197	.194
12	.192	.188	.190	.180	.172	.170	.167	.158	.163	.170	.178	.178	.181	.189	.190	.179	.179	.180	.177	.171	.172	.172	.167	.160
13	.161	.156	.166	.162	.167	.164	.169	.179	.181	.193	.190	.192	.195	.201	.205	.206	.206	.207	.202	.201	.203	.205	.209	.211
14	.208	.210	.210	.214	.213	.218	.218	.213	.212	.217	.222	.221	.227	.228	.228	.229	.227	.220	.217	.215	.224	.230	.231	.238
15	.242	.237	.221	.216	.216	.219	.216	.214	.220	.226	.240	.244	.240	.234	.252	.261	.257	.264	.275	.276	.270	.263	.263	.255
16	.257	.252	.249	.240	.232	.226	.236	.248	.271	.282	.297	.304	.303	.302	.292	.316	.306	.311	.319	.320	.324	.327	.325	.310
17	.285	.276	.275	.276	.286	.296	.297	.299	.299	.305	.299	.298	.299	.297	.283	.291	.283	.294	.302	.314	.291	.281	.267	.257
18	.246	.256	.250	.246	.233	.220	.225	.235	.238	.247	.249	.261	.249	.247	.262	.249	.235	.235	.234	.239	.236	.242	.238	.237
19	.235	.229	.232	.232	.236	.240	.241	.243	.232	.230	.241	.248	.238	.235	.237	.231	.225	.223	.229	.230	.231	.236	.239	.242
20	.245	.243	.251	.257	.259	.264	.279	.286	.297	.293	.299	.303	.307	.313	.294	.276	.259	.244	.231	.243	.231	.227	.237	.247
21	.259	.261	.266	.271	.280	.292	.313	.312	.321	.321	.305	.305	.298	.296	.292	.290	.289	.287	.283	.286	.287	.286	.281	.281
22	.279	.281	.283	.283	.285	.287	.289	.285	.282	.284	.291	.290	.282	.268	.265	.266	.261	.258	.259	.248	.246	.248	.245	.246
23	.251	.249	.250	.246	.244	.245	.252	.262	.264	.257	.257	.274	.272	.272	.282	.281	.289	.293	.295	.262	.222	.224	.225	.229
24	.226	.225	.223	.219	.224	.225	.232	.233	.241	.248	.237	.236	.240	.250	.248	.250	.254	.235	.231	.230	.211	.203	.195	.201
25	.200	.180	.209	.209	.207	.198	.205	.202	.206	.209	.214	.225	.240	.229	.227	.227	.216	.216	.209	.214	.211	.211	.206	.199
26	.208	.211	.214	.214	.221	.219	.219	.226	.225	.236	.249	.269	.257	.266	.269	.280	.271	.270	.269	.276	.274	.277	.287	.292
27	.314	.313	.313	.309	.298	.292	.290	.286	.287	.293	.291	.303	.314	.317	.317	.315	.315	.316	.317	.310	.312	.312	.311	.313
28	.313	.305	.306	.297	.299	.301	.300	.298	.295	.284	.292	.306	.319	.333	.347	.265	.296	.301	.290	.265	.277	.271	.276	.275
29																								
30																								
31																								
								6595													6670			

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG. 2°6′ W

HOURLY VALUES February 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·446	30·439	30·431	30·427	30·419	30·409	30·409	30·405	30·405	30·409	30·395	30·380	30·370	30·364	30·354	30·355	30·356	30·356	30·361	30·359	30·356	30·356	30·357	30·352	1
2	·354	·346	·345	·340	·323	·316	·317	·305	·294	·310	·313	·299	·293	·290	·279	·275	·271	·279	·273	·278	·278	·282	·298	·300	2
3	·299	·306	·308	·313	·310	·308	·315	·323	·340	·356	·362	·359	·362	·353	·353	·363	·359	·360	·358	·360	·359	·357	·355	·346	3
4	·346	·339	·330	·324	·313	·303	·301	·313	·315	·318	·327	·328	·327	·315	·312	·308	·307	·313	·308	·309	·303	·297	·312	·307	4
5	·308	·307	·308	·296	·296	·296	·294	·300	·305	·307	·310	·307	·309	·307	·308	·307	·310	·317	·318	·323	·324	·329	·331	·334	5
6	·327	·322	·310	·305	·297	·291	·287	·287	·286	·283	·279	·261	·241	·206	·185	·202	·189	·213	·199	·196	·187	·187	·187	·192	6
7	·194	·193	·179	·179	·166	·163	·167	·174	·174	·175	·172	·162	·163	·159	·169	·172	·209	·224	·246	·279	·304	·322	·349	·363	7
8	·378	·384	·383	·379	·378	·369	·352	·359	·358	·353	·348	·332	·324	·312	30·304	30·298	30·297	30·301	30·301	30·295	30·287	30·282	30·268	30·254	8
9	30·245	30·228	30·206	30·181	30·161	30·143	30·131	30·124	30·110	30·093	30·079	30·065	30·039	30·016	29·996	29·982	29·976	29·971	29·959	29·948	29·926	29·919	29·908	29·903	9
10	29·884	29·871	29·861	29·843	29·831	29·820	29·815	29·814	29·805	29·805	29·809	29·803	29·793	29·783	·775	·781	·784	29·789	29·790	29·794	29·803	29·807	29·809	29·816	10
11	29·824	29·828	29·834	29·836	29·847	29·862	29·875	29·896	29·911	29·923	29·945	29·944	29·946	29·949	29·959	29·969	29·980	30·001	30·015	30·024	30·035	30·042	30·047	30·061	11
12	30·065	30·071	30·075	30·075	30·080	30·081	30·081	30·087	30·095	30·106	30·106	30·106	30·105	30·103	30·100	30·094	30·086	30·084	30·072	30·065	30·059	30·054	30·050	30·041	12
13	30·035	30·016	29·997	29·983	29·966	29·955	29·944	29·940	29·939	29·927	29·927	29·909	29·898	29·893	29·890	29·882	29·885	29·895	29·900	29·913	29·912	29·922	29·924	29·935	13
14	29·942	29·941	·942	·944	·942	·940	·947	·958	·965	·975	·983	·985	·974	·956	·946	·941	·933	·930	·921	·916	·906	·892	·872	·843	14
15	·825	·809	·796	·773	·755	·746	·758	·766	·780	·785	·794	·793	·783	·766	·747	·725	·701	·703	·667	·646	·621	·623	·627	·640	15
16	·655	·669	·694	·711	·724	·731	·746	·749	·753	·750	·734	·708	·697	·691	·688	·689	·709	·726	·737	·742	·744	·742	·739	·729	16
17	·727	·749	·748	·727	·718	·722	·719	·725	·698	·642	·657	·691	·676	·654	·616	·628	·600	·582	·578	·557	·555	·556	·548	29·562	17
18	29·564	29·566	29·559	29·558	29·562	29·566	29·557	29·537	29·538	29·542	29·555	29·541	29·541	29·551	29·608	29·664	29·714	29·774	·825	·878	·917	·970	·992	30·021	18
19	30·054	30·073	30·088	30·099	30·115	30·128	30·141	30·146	30·142	30·139	30·137	30·123	30·111	30·088	30·066	30·055	30·035	30·012	·990	·967	29·952	29·932	29·922	29·880	19
20	29·860	29·850	29·820	29·805	29·779	29·785	29·776	29·786	29·762	29·763	29·767	29·767	29·750	29·760	29·777	29·810	29·877	29·926	29·953	29·993	30·029	30·072	30·096	30·117	20
21	30·134	30·127	30·123	30·117	30·117	30·119	30·125	30·127	30·139	30·159	30·178	30·183	30·193	30·203	30·182	30·184	30·185	30·196	30·209	30·214	·231	·245	·255	·280	21
22	·273	·269	·258	·262	·263	·272	·274	·276	·285	·283	·276	·273	·256	·243	·227	·236	·241	·256	·253	·256	·256	·245	·232	·216	22
23	·216	·192	·190	·177	·165	30·153	30·137	30·125	30·118	30·093	30·087	30·068	30·042	30·030	30·018	30·003	30·013	30·022	30·038	30·058	30·055	30·058	30·055	30·061	23
24	30·052	30·055	30·038	30·032	30·013	29·990	29·987	29·981	29·969	29·954	29·932	29·910	29·873	29·847	29·829	29·825	29·834	29·842	29·851	29·843	29·838	29·841	29·830	29·818	24
25	29·802	29·801	29·784	29·773	29·755	·743	·730	·727	·727	·725	·724	·704	·660	·620	·592	·611	·643	·685	·707	·717	·727	·735	·746	·764	25
26	·764	·760	·765	·765	·764	·765	·769	·777	·779	·780	·775	·765	·747	·734	·730	·718	·713	·715	·710	·700	·691	·678	·665	·640	26
27	·617	·593	·580	·559	·539	·527	·504	·495	·489	·489	·484	·473	·458	·448	·434	·407	·410	·409	·410	·421	·424	·419	·424	·424	27
28	29·437	29·450	29·469	29·479	29·491	29·498	29·510	29·506	29·496	29·479	29·461	29·437	29·403	29·359	29·332	29·301	29·312	29·305	29·332	29·349	29·358	29·370	29·403	29·396	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	36·9	37·0	37·6	35·3	38·4	38·3	39·7	41·2	40·8	42·4	43·0	44·2	44·4	43·8	44·2	42·0	39·5	39·5	37·2	36·4	36·4	36·6	38·3	38·5
2	39·6	39·6	40·0	39·0	40·6	41·2	41·7	42·0	40·3	41·7	42·1	44·4	45·0	45·3	45·1	44·4	43·2	41·1	41·0	41·8	42·4	42·6	42·7	43·0
3	43·0	42·0	40·9	41·5	41·3	42·2	41·8	41·6	41·6	41·6	42·3	43·0	44·1	44·0	43·6	43·3	42·5	42·1	42·0	42·1	41·6	41·1	40·6	40·0
4	39·7	39·8	39·9	39·8	39·9	39·5	38·0	38·7	39·5	40·5	42·1	44·3	45·3	45·7	46·2	44·7	42·4	40·7	39·5	38·7	37·8	39·0	37·5	36·6
5	37·1	37·0	37·0	36·4	35·7	35·4	35·6	36·3	37·8	38·7	40·3	43·1	44·8	45·6	45·7	44·4	41·3	39·1	38·3	37·0	36·1	35·6	36·3	35·4
6	34·6	35·1	35·7	36·3	33·4	33·3	33·6	33·7	33·3	36·2	38·6	39·8	41·7	42·6	42·1	40·7	39·4	38·4	37·5	37·1	37·2	37·4	38·1	39·0
7	40·7	42·3	43·1	43·7	44·1	44·3	46·4	43·0	46·0	47·7	49·2	49·5	50·4	50·5	50·2	49·5	48·0	49·7	48·9	49·0	45·8	45·6	45·5	45·0
8	44·8	44·0	43·7	43·4	43·3	43·1	42·8	42·9	43·0	44·1	46·8	48·0	49·4	49·3	51·4	49·9	49·3	48·2	44·6	46·3	45·3	44·6	44·5	44·1
9	43·8	43·0	42·1	42·4	41·0	40·0	41·0	40·6	41·2	43·0	45·3	45·0	45·5	43·8	42·4	43·0	42·7	42·5	42·2	40·6	40·3	40·2	40·1	39·9
10	39·6	39·4	39·1	38·9	38·5	38·5	39·0	39·5	39·0	39·8	39·6	40·3	41·7	43·1	43·5	42·7	42·0	41·1	41·3	41·2	41·0	40·3	40·1	39·1
11	38·7	37·7	36·8	37·6	38·5	38·1	37·7	38·2	38·7	39·1	39·0	39·7	39·6	39·5	39·3	39·3	38·8	38·5	38·4	38·4	38·4	37·6	36·7	36·3
12	36·9	37·3	37·7	37·6	37·6	37·1	36·6	35·7	36·6	38·4	39·9	41·5	41·5	41·5	40·7	40·0	38·1	37·4	38·6	39·2	39·2	38·4	38·4	38·3
13	37·7	38·2	37·1	36·9	37·8	37·7	37·4	38·5	39·3	39·4	39·7	40·8	39·2	39·5	39·8	39·7	39·6	39·1	39·0	39·0	38·9	39·0	38·3	38·6
14	37·9	39·1	38·7	38·6	38·7	38·7	39·3	39·6	39·6	39·1	39·5	39·2	39·6	39·6	39·6	39·5	39·0	38·2	39·0	39·4	39·8	39·9	39·6	39·9
15	40·0	40·4	40·9	41·4	41·7	42·2	41·9	41·1	40·6	41·0	42·0	42·3	42·5	43·7	42·6	42·3	42·6	42·7	42·4	42·3	42·4	42·4	43·6	43·2
16	41·9	41·4	41·5	42·0	41·4	40·2	40·7	40·0	42·3	43·4	43·0	44·1	44·2	45·2	48·0	48·3	48·4	47·6	47·3	47·2	47·6	46·1	46·1	49·3
17	50·5	47·7	48·0	48·4	47·7	47·2	47·4	47·8	48·7	49·6	49·9	49·7	51·8	50·4	49·2	47·4	46·5	46·5	47·2	46·8	47·2	47·5	48·4	46·9
18	46·1	45·6	45·0	44·0	42·3	41·7	42·7	42·7	43·0	44·3	45·7	47·0	48·0	48·6	49·3	48·9	47·6	45·6	45·4	44·1	42·6	41·8	40·8	41·1
19	39·7	39·0	37·1	36·6	36·3	34·9	33·6	33·3	33·6	36·9	38·9	41·2	42·0	43·7	42·8	42·4	42·5	43·0	43·1	42·4	42·1	42·1	42·4	42·8
20	43·0	43·1	42·5	42·3	42·5	43·0	43·0	43·5	43·7	45·6	45·5	46·4	48·9	50·0	50·4	50·8	51·0	48·5	48·1	47·0	46·1	44·3	43·0	43·4
21	42·1	41·1	40·5	41·7	42·0	42·5	44·3	48·4	50·3	52·8	53·4	53·2	53·0	53·3	53·3	52·7	52·5	52·5	53·9	53·3	53·3	52·3	52·6	51·0
22	49·5	49·4	46·5	45·0	44·3	42·7	44·0	45·1	45·7	47·6	51·3	52·2	53·8	54·4	54·8	53·7	50·0	49·3	47·8	46·9	46·2	45·8	44·5	42·8
23	42·6	42·1	40·3	38·5	39·1	37·3	37·4	38·3	38·3	41·7	44·4	45·2	47·1	50·2	51·4	47·9	46·6	45·5	47·9	47·3	44·8	42·9	43·1	41·3
24	40·7	39·3	39·0	36·6	36·6	35·4	34·9	34·5	39·5	39·8	40·2	41·5	44·8	46·4	48·3	47·4	46·6	43·4	42·6	40·9	39·3	38·4	37·0	36·8
25	36·2	39·4	38·6	38·7	38·2	38·1	38·6	38·6	39·3	40·4	41·1	42·4	44·4	45·4	45·6	42·9	39·6	37·0	35·8	36·3	35·7	35·6	35·5	34·3
26	34·8	34·9	35·0	34·9	33·3	33·4	33·6	35·1	35·3	37·7	40·0	41·0	41·6	42·0	41·4	42·0	42·2	41·7	40·6	40·5	40·9	40·6	40·4	41·0
27	41·5	42·1	42·3	42·2	42·2	42·4	43·7	43·6	45·1	45·7	46·3	47·2	48·0	45·9	45·1	44·7	44·8	45·0	44·6	44·9	45·3	45·3	43·6	44·0
28	44·5	44·8	44·9	44·5	43·3	40·0	39·4	39·3	39·7	45·5	47·1	48·4	49·7	46·3	45·7	45·3	46·0	46·1	45·9	46·5	45·4	46·7	45·1	45·0
29																								
30																								
31																								

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
35·2	35·0	35·6	33·7	36·1	35·9	37·2	38·7	38·7	39·5	40·2	40·5	40·8	40·4	40·6	39·3	37·9	37·5	36·1	35·6	35·4	35·7	37·0	37·4	1
38·1	38·1	38·5	37·6	38·5	39·2	39·6	40·0	38·4	39·6	40·1	41·5	42·1	42·4	42·4	42·0	41·3	39·7	39·4	40·3	41·0	41·1	41·0	41·1	2
41·1	40·6	40·1	40·4	40·2	40·2	39·6	39·4	39·6	39·8	40·0	40·4	40·6	40·6	40·3	40·0	39·6	39·0	38·8	38·8	38·4	38·3	37·8	37·4	3
37·2	37·3	37·6	37·2	37·5	37·2	35·9	36·4	37·1	37·8	39·0	40·6	41·2	41·4	41·7	40·8	39·4	38·0	37·0	36·5	35·9	36·6	35·7	35·0	4
35·4	35·1	35·1	34·8	34·3	34·0	34·0	34·4	35·6	36·3	37·4	39·5	40·9	41·4	41·3	40·6	38·6	37·0	36·1	35·1	34·4	34·0	34·2	33·6	5
33·1	33·3	33·6	34·0	32·3	32·0	32·1	32·3	32·2	34·4	36·4	38·0	39·5	39·4	38·4	37·4	36·6	35·6	35·3	35·2	35·6	36·0	36·5	37·1	6
38·4	39·6	40·6	40·8	41·3	41·6	42·5	41·1	42·6	44·0	44·2	44·8	45·4	45·6	45·7	45·4	45·0	45·8	45·6	46·4	45·4	44·8	44·3	44·1	7
43·6	43·4	43·1	43·0	42·8	42·6	42·3	42·3	42·3	43·0	45·0	45·7	47·4	48·0	48·5	47·7	47·4	47·1	44·3	45·5	44·8	44·2	44·2	43·8	8
43·6	42·6	41·7	41·8	40·6	39·6	40·5	40·0	40·6	42·3	43·9	43·7	44·3	43·0	41·7	42·2	42·1	41·8	39·3	37·7	37·3	37·0	36·9	36·9	9
37·0	37·1	36·8	36·4	36·4	36·1	36·2	36·3	36·2	36·6	36·6	37·3	38·6	39·8	39·6	39·4	38·8	38·4	38·0	38·3	38·5	38·3	38·2	37·3	10
37·1	36·1	35·4	36·1	36·7	37·0	37·3	37·7	38·0	38·1	38·4	38·4	38·4	38·3	37·4	37·6	37·0	37·0	36·3	36·4	36·4	36·3	35·6	35·3	11
35·7	36·1	36·3	36·4	36·1	35·6	35·4	34·9	35·6	36·6	37·4	37·5	37·1	37·2	36·6	37·0	36·2	35·8	36·6	36·0	36·2	36·0	35·8	35·6	12
35·5	36·0	34·7	34·6	35·2	35·0	35·2	35·6	35·7	36·6	37·0	37·6	36·4	36·7	37·0	37·0	37·2	37·6	37·6	37·6	37·4	36·4	37·0	37·0	13
36·7	37·1	37·0	36·7	37·0	37·1	37·2	37·2	37·3	37·2	37·7	37·8	37·7	37·4	37·5	37·4	37·2	37·3	37·3	37·6	38·1	38·4	38·4	38·9	14
39·3	40·1	40·7	41·2	41·6	42·1	41·7	40·3	39·8	39·8	40·3	40·6	40·8	41·6	40·8	40·7	41·2	41·4	41·6	41·8	41·8	41·7	42·3	42·1	15
41·0	40·0	39·8	39·8	39·4	38·7	39·1	38·5	40·2	41·0	40·8	42·7	43·2	43·7	45·6	45·6	45·7	44·4	44·9	45·0	45·3	44·7	44·9	47·7	16
48·6	46·5	46·6	46·1	45·0	44·5	44·8	45·5	45·3	46·7	47·1	47·0	48·3	47·2	46·4	45·4	44·6	44·4	44·6	44·3	44·8	45·3	46·1	45·2	17
43·5	43·1	42·5	41·6	40·7	39·7	39·1	39·1	39·8	40·9	41·8	42·4	43·3	43·3	43·6	43·4	42·4	41·2	40·8	40·2	39·1	38·3	37·5	37·3	18
36·6	36·1	34·7	34·4	34·2	33·4	32·1	32·0	32·3	34·7	35·9	37·6	39·5	41·0	41·3	41·0	40·7	40·9	40·0	40·4	39·9	40·1	40·5	40·9	19
41·1	40·8	41·0	41·0	41·1	41·3	41·4	41·9	42·4	43·8	43·9	44·6	46·6	47·1	47·4	47·2	46·3	45·0	44·0	42·8	42·6	40·3	39·3	39·0	20
38·3	37·5	37·5	38·6	39·4	40·3	41·8	45·4	46·9	48·6	48·9	49·2	49·0	47·7	46·9	47·1	47·6	48·1	49·4	49·1	49·2	48·6	48·5	47·4	21
46·4	45·7	43·8	42·6	42·0	40·8	41·5	42·0	43·1	44·3	47·4	49·0	50·7	51·2	52·2	51·3	48·0	47·2	46·0	45·0	43·9	42·4	41·2	39·7	22
39·8	39·4	38·0	36·6	37·0	35·8	36·1	36·7	36·6	39·7	42·1	42·7	42·7	44·0	45·0	44·4	44·0	43·5	45·2	44·5	41·8	40·6	39·7	37·8	23
36·5	36·4	35·7	34·2	34·1	33·7	32·8	32·8	36·1	36·6	37·7	38·2	39·6	41·3	41·6	41·9	41·4	39·0	37·4	36·7	35·8	35·0	34·2	34·3	24
33·5	35·5	35·8	35·3	34·9	34·7	34·7	34·8	35·6	37·2	37·5	38·1	39·0	39·4	39·7	39·0	37·5	35·2	34·2	33·4	32·8	32·6	32·9	33·2	25
33·3	33·4	33·4	32·8	31·8	31·8	31·7	32·4	32·9	34·4	35·6	36·5	37·3	38·2	38·6	39·2	39·4	39·4	38·6	38·6	38·8	39·0	39·3	40·8	26
41·3	41·6	41·7	42·0	42·0	42·0	42·9	43·0	44·3	44·6	45·0	45·5	46·4	44·5	44·3	44·0	44·0	44·3	43·7	44·0	44·2	44·1	42·7	43·0	27
43·6	44·0	43·7	43·6	42·4	39·4	38·8	38·5	38·7	44·0	45·7	46·7	47·4	45·3	44·8	44·6	45·3	45·4	45·0	44·7	43·6	43·1	42·3	42·3	28
																								29
																								30
																								31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10' N. LONG: 2°6' W.

HOURLY VALUES February 1878.

WIND — DIRECTION IN NUMBERS { 8–E 24–W / 16–S 32–N } AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M^D T. D	M^D T. V	DAYS.
1	22	6·5	23	8·5	23	5·5	23	8·5	23	7·5	23	9·5	24	6·5	24	6·5	24	5·5	24	6·5	24	9·5	25	14	25	10·5	25	5·5	24	11	24	4·5	24	3	24	4·5	24	4	24	4	24	4·5	24	2	24	5·5	24	3	1
2	24	4	24	4	24	4·5	24	6·5	24	6·5	24	4·5	24	4·5	24	5·5	24	4	24	3	24	8·5	26	16	26	18	26	15	26	18	26	23	25	21	26	11	26	18	25	12	26	14	26	20	26	15	26	17	2
3	26	20	27	17	26	17	26	15	26	13	26	12	26	14	26	13	26	13	26	9·5	26	11	26	9·5	26	8·5	26	5·5	26	4·5	26	5·5	26	4·5	26	5·5	26	7·5	23	6·5	23	7·5	23	7·5	23	7·5	22	7·5	3
4	22	7·5	22	7·5	22	5·5	22	5·5	22	4·5	22	5·5	22	6·5	22	6·5	19	6·5	19	7·5	19	7·5	17	7·5	16	9·5	15	8·5	16	10·5	17	8·5	18	12	18	11	19	9·5	19	9·5	19	6·5	19	9·5	19	4	19	9·5	4
5	19	5·5	19	6·5	19	7·5	19	4·5	19	4	19	4·5	18	9·5	18	6·5	22	6·5	21	7·5	20	9·5	20	7·5	18	8·5	18	8·5	19	10·5	19	8·5	19	8·5	19	5·5	19	6·5	25	4·5	20	6·5	20	8·5	20	9·5	20	8·5	5
6	20	7·5	20	7·5	20	4·5	24	4	24	3	24	7·5	19	7·5	19	3	19	4·5	19	4·5	19	7·5	16	12	16	12	18	17	16	15	18	11	16	12	18	11	17	6·5	16	12	15	14	15	11	15	6·5	15	4·5	6
7	15	6·5	18	6·5	16	9·5	19	12	19	11	16	9·5	18	11	21	4·5	20	7·5	21	6·5	22	11	20	13	21	11·4	22	18	22	18	21	23	21	8·5	22	12	23	8·5	25	6·5	3	4	29	8·5	25	9·5	25	8·5	7
8	25	4	25	4·5	25	4	25	4	25	4·5	19	7·5	17	7·5	18	8·5	18	4·5	18	2	18	5·5	18	9·5	21	5·5	21	4	23	6·5	24	7·5	24	5·5	24	6·5	4	4	4	3	4	3	4	3	4	4·5	4	4	8
9	4	3	4	2	4	3	4	3	4	3	4	4	29	4·5	29	4	29	3	29	4	29	4	29	4	29	4·5	29	5·5	29	3	29	3	29	3	29	4	28	9·5	26	12	26	12	26	14	26	9·5	26	4·5	9
10	26	4	26	3	26	3	26	4	26	3	26	4·5	26	5·5	23	7·5	25	7·5	25	6·5	25	9·5	25	10·5	25	10·5	26	12	27	13	27	9·5	27	8·5	27	9·5	26	13	26	15	26	14	26	11	26	13	26	11	10
11	26	11	26	7·5	26	10·5	26	10·5	26	11	27	9·5	27	5·5	27	5·5	27	4	27	4	26	6·5	26	5·5	2	6·5	6	7·5	6	5·5	6	6·5	6	7·5	6	5·5	6	7·5	6	5·5	6	3	6	4	6	4·5	6	4	11
12	6	3	6	4·5	13	5·5	13	4·5	13	5·5	16	7·5	17	10·5	18	10·5	18	11	17	10·5	18	11	17	16	18	14	16	13	18	11	15	10·5	15	10·5	16	6·5	16	8·5	16	8·5	16	8·5	18	7·5	18	6·5	18	4	12
13	18	4·5	18	6·5	15	9·5	15	5·5	14	7·5	16	8·5	16	5·5	14	9·5	14	10·5	14	9·5	14	11	13	16	12	13	12	14	9	15	8	19	7	19	10	13	11	13	10	14	11	15	10	18	10	14	8	17	13
14	7	17	8	18	8	18	8	18	9	13	8	19	7	19	8	20	9	21	8	18	8	21	7	21	8	20	7	21	8	17	8	17	7	21	8	17	10	16	8	20	9	20	8	25	9	25	10	28	14
15	11	24	11	27	11	28	11	28	11	25	12	20	14	9·5	15	9·5	16	10·5	15	14	15	14	15	13	14	11	14	12	14	10·5	12	10·5	13	15	15	14	15	11	15	11	17	8·5	16	7·5	18	10·5	18	5·5	15
16	17	3	17	8·5	17	6·5	18	9·5	16	10·5	16	10·5	17	6·5	17	5·5	14	16	16	13	14	18	17	17	16	24	15	12	18	17	18	19	18	20	18	15	17	13	18	16	16	11	14	13	14	10·5	17	16	16
17	19	25	14	17	16	13	17	22	19	22	18	19	17	19	18	12	17	14	17	05	18	40	20	22	18	19	17	19	16	25	14	21	14	18	15	10·5	15	17	15	20	15	17	15	24	15	15	16	14	17
18	19	17	18	14	18	15	19	13	18	8·5	17	8·5	17	12	19	23	18	29	18	32	18	25	19	33	18	30	19	29	22	27	24	19	22	17	22	15	23	12	22	11	21	9·5	21	7·5	18	10·5	19	10·5	18
19	20	9·5	17	5·5	17	4·5	17	5·5	17	4·5	17	5·5	17	4	21	4	19	4	19	6·5	17	8·5	17	7·5	18	10·5	16	7·5	14	16	15	10·5	15	10·5	15	20	16	15	16	20	15	15	15	15	14	19	13	25	19
20	14	22	14	24	15	17	14	15	14	23	14	14	15	11	19	11	15	17	16	15	16	24	16	16	16	19	17	19	19	17	20	14	23	16	21	10·5	24	12	21	6·5	23	7·5	22	13	20	11	21	12	20
21	18	8·5	19	11	16	10·5	18	12	17	8·5	17	5·5	18	9·5	16	6·5	19	11	22	19	22	21	18	16	18	17	22	13	23	19	18	12	17	9·5	19	9·5	21	12	21	17	22	14	22	14	24	9·5	21	6·5	21
22	21	7·5	20	9·5	20	6·5	19	6·5	19	5·5	19	6·5	18	6·5	18	7·5	18	3	16	4·5	16	2	16	4·5	16	3	16	3	16	4	16	4	8	5·5	1	6·5	24	3	24	5·5	24	4	24	4·5	24	5·5	23	6·5	22
23	29	4·5	23	4·5	24	9·5	25	8·5	26	6·5	26	6·5	26	4·5	24	7·5	24	7·5	22	4·5	24	4	24	11	26	8·5	24	10·5	23	5·5	23	2	23	3	26	8·5	28	12	26	13	26	8·5	26	11	24	6·5	23
24	24	8·5	24	6·5	23	8·5	20	4·5	20	3	20	4	20	4·5	20	4	20	10·5	19	7·5	16	6·5	18	7·5	19	13	15	17	22	21	21	19	22	14	22	16	21	12	20	13	20	9·5	20	9·5	20	8·5	20	9·5	24
25	20	9·5	22	13	20	13	20	11	21	13	21	15	21	17	20	14	21	11	24	14	22	17	23	17	22	15	21	18	22	20	24	29	26	25	27	15	27	6·5	22	10·5	23	15	24	13	24	11	23	10·5	25
26	21	9·5	22	10·5	22	10·5	22	10·5	22	6·5	20	10·5	20	14	22	11	20	9·5	19	10·5	19	8·5	18	8·5	19	9·5	20	6·5	19	5·5	19	4·5	19	4·5	19	4·5	19	5·5	19	6·5	19	4·5	19	3	19	3	19	4·5	26
27	16	4·5	16	8·5	15	8·5	17	8·5	15	4	15	4·5	18	10·5	16	10·5	17	13	16	7·5	20	5·5	17	10·5	15	11	15	15	15	13	15	16	17	6·5	15	3	18	6·5	18	5·5	18	7·5	18	7·5	18	6·5	18	8·5	27
28	18	7·5	18	3	18	4·5	18	4	18	4·5	24	5·5	24	4	24	4·5	24	4	16	12	16	14	14	15	16	16	14	18	14	15	15	21	18	12	16	4·5	18	8·5	19	6·5	16	7·5	19	12	18	8·5	17	13	28
29																																																	29
30																																																		30
31																																																		31

RAINFALL — GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1																									1
2																									2
3																									3
4																									4
5										Dew .005															5
6																									6
7																								.015	7
8														.010			.010	.010							8
9																									9
10																									10
11											.005	.005													11
12																									12
13																			.005				.005	.005	13
14	.005	.005	.005																				.005	.005	14
15	.010	.040	.050	.030	.020	.040	.010												.025	.015	.015				15
16									.065																16
17																									17
18																									18
19																									19
20			.020																						20
21																									21
22																									22
23																									23
24																									24
25																	.005								25
26	.005	.005																				.010	.010		26
27					.010	.020	.020	.005	.010	.005					.030										27
28							.005							.035	.050	.005	.085								28
29																									29
30																									30
31																									31
	.020	.050	.075	.030	.030	.060	.035	.005	.010	.005	.005	.005	—	.045	.080	.005	.100	.010	.030	.015	.015	—	.020	.035	
	3	3	3	1	2	2	3	1	1	1	1	1	—	2	2	1	3	1	2	1	1	—	3	4	

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
·187	·182	·187	·176	·188	·185	·196	·208	·212	·212	·219	·213	·216	·215	·214	·212	·211	·204	·200	·200	·196	·199	·205	·212	1
·213	·213	·217	·210	·210	·217	·221	·225	·212	·221	·226	·230	·235	·239	·240	·240	·238	·228	·223	·233	·241	·240	·237	·236	2
·236	·237	·236	·239	·236	·227	·220	·218	·222	·225	·222	·223	·215	·216	·215	·212	·213	·206	·204	·203	·200	·201	·198	·196	3
·196	·196	·201	·195	·190	·198	·188	·191	·196	·199	·206	·213	·216	·216	·218	·214	·210	·200	·194	·193	·190	·192	·190	·186	4
·188	·184	·184	·185	·183	·180	·179	·179	·185	·189	·193	·205	·214	·217	·214	·212	·206	·198	·189	·184	·182	·179	·176	·173	5
·171	·169	·170	·172	·169	·164	·162	·165	·166	·180	·192	·209	·219	·208	·196	·190	·188	·179	·183	·185	·191	·196	·198	·201	6
·207	·216	·228	·223	·229	·233	·231	·236	·236	·246	·237	·246	·249	·252	·257	·258	·263	·264	·269	·285	·299	·287	·277	·277	7
·269	·274	·271	·272	·269	·267	·264	·263	·262	·264	·277	·278	·303	·318	·306	·303	·304	·310	·287	·295	·291	·285	·287	·282	8
·281	·268	·259	·258	·246	·239	·246	·240	·246	·262	·270	·268	·277	·267	·256	·259	·260	·257	·210	·196	·191	·187	·186	·188	9
·193	·197	·194	·189	·193	·188	·185	·182	·185	·184	·186	·191	·202	·210	·203	·207	·204	·203	·195	·201	·206	·210	·210	·204	10
·204	·195	·191	·196	·199	·207	·218	·220	·221	·219	·226	·218	·219	·219	·204	·207	·201	·204	·191	·193	·193	·199	·196	·195	11
·196	·199	·198	·201	·196	·192	·194	·194	·197	·197	·197	·186	·179	·180	·176	·189	·193	·192	·196	·179	·183	·186	·183	·180	12
·185	·188	·176	·176	·178	·176	·182	·179	·173	·188	·192	·192	·186	·189	·191	·192	·197	·209	·210	·210	·208	·188	·205	·203	13
·204	·200	·202	·198	·202	·204	·200	·197	·198	·202	·207	·212	·206	·200	·202	·201	·203	·212	·205	·206	·211	·216	·219	·225	14
·232	·244	·251	·256	·262	·267	·261	·241	·236	·231	·231	·234	·236	·239	·234	·238	·242	·246	·254	·259	·258	·256	·255	·255	15
·246	·231	·226	·221	·219	·218	·220	·217	·226	·230	·230	·258	·267	·266	·276	·274	·275	·255	·269	·273	·275	·279	·284	·311	16
·319	·301	·299	·283	·267	·262	·266	·277	·286	·284	·289	·290	·296	·287	·283	·279	·272	·268	·264	·262	·269	·276	·283	·281	17
·254	·250	·243	·236	·236	·223	·202	·202	·211	·219	·223	·222	·230	·225	·225	·225	·217	·214	·208	·208	·203	·196	·191	·184	18
·185	·183	·176	·176	·176	·173	·162	·164	·164	·178	·180	·189	·216	·232	·242	·241	·234	·232	·231	·229	·222	·226	·231	·234	19
·236	·229	·240	·242	·242	·240	·242	·248	·256	·265	·268	·273	·290	·288	·291	·283	·261	·259	·242	·229	·235	·208	·202	·193	20
·194	·188	·194	·202	·214	·226	·237	·268	·281	·292	·293	·302	·299	·268	·252	·262	·274	·284	·248	·298	·300	·298	·292	·285	21
·279	·266	·255	·245	·241	·233	·234	·232	·249	·253	·282	·308	·330	·335	·356	·346	·309	·299	·288	·276	·261	·235	·223	·212	22
·215	·213	·204	·197	·198	·193	·198	·200	·198	·223	·242	·245	·226	·224	·231	·252	·258	·260	·266	·261	·231	·227	·209	·192	23
·175	·185	·176	·172	·171	·175	·162	·167	·179	·184	·200	·197	·192	·208	·197	·209	·206	·193	·175	·176	·175	·169	·168	·172	24
·165	·169	·182	·172	·169	·167	·163	·165	·172	·189	·188	·188	·185	·184	·188	·198	·202	·186	·181	·162	·157	·154	·157	·176	25
·172	·170	·172	·162	·160	·159	·155	·153	·160	·166	·166	·172	·181	·193	·206	·211	·212	·217	·212	·213	·212	·219	·228	·253	26
·258	·257	·257	·265	·265	·262	·267	·270	·281	·281	·283	·284	·294	·277	·281	·279	·278	·282	·273	·276	·277	·274	·263	·265	27
·273	·278	·269	·273	·260	·234	·229	·225	·224	·270	·290	·298	·299	·290	·286	·286	·294	·296	·288	·274	·262	·238	·238	·239	28
																								29
																								30
																								31
								6·036												6·319				

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

FALMOUTH OBSERVATORY LAT. 50°9' N LONG. 5°4' W

HOURLY VALUES February 1878.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·371	30·373	30·375	30·378	30·378	30·373	30·373	30·379	30·383	30·384	30·390	30·384	30·366	30·354	30·340	30·327	30·324	30·326	30·324	30·314	30·312	30·300	30·297	30·286	1
2	·277	·260	·255	·248	·237	·237	·237	·244	·237	·242	·255	·251	·236	·226	·230	·231	·232	·232	·236	·238	·240	·248	·252	·248	2
3	·248	·244	·243	·238	·240	·244	·246	·245	·251	·260	·273	·271	·268	·257	·251	·255	·263	·274	·287	·292	·292	·293	·292	·303	3
4	·301	·294	·289	·279	·277	·277	·284	·295	·301	·307	·317	·317	·309	·297	·295	·301	·309	·315	·319	·319	·313	·310	·313	·319	4
5	·315	·309	·301	·297	·301	·299	·307	·317	·321	·319	·323	·311	·301	·288	·283	·283	·283	·277	·277	·278	·277	·276	·276	·270	5
6	·253	·249	·238	·230	·225	·233	·235	·243	·253	·257	·271	·271	·269	·263	·265	·271	·286	·301	·303	·311	·325	·327	·329	·339	6
7	·343	·341	·344	·347	·351	·351	·357	·375	·391	·399	·396	·394	·380	·374	·370	·378	·384	·394	·398	·398	·395	·398	·402	·398	7
8	·392	·384	·376	·368	·368	·370	·370	·371	·375	·370	·355	·351	·337	30·315	30·287	30·289	30·283	30·273	30·251	30·245	30·251	30·238	30·221	30·195	8
9	30·178	30·161	30·140	30·125	30·105	30·083	30·073	30·059	30·055	30·049	30·052	30·030	30·002	29·977	29·948	29·918	29·910	29·890	29·880	29·856	29·830	29·824	29·811	29·808	9
10	29·793	29·791	29·782	29·774	29·774	29·768	29·772	29·783	29·783	29·783	29·788	29·780	29·770	·754	·736	·728	·731	·724	·725	·724	·721	·720	·720	·714	10
11	·708	·690	·678	·672	·664	·658	·664	·666	·666	·674	·688	·682	·668	·644	·640	·646	·652	·656	·662	·666	·680	·692	·702	·712	11
12	·718	·728	·738	·742	·752	·758	·764	·788	·796	·803	·803	·795	·774	·743	·723	·693	·682	·677	·665	·643	·615	·567	·573	·603	12
13	·635	·649	·659	·667	·669	·673	·687	·694	·703	·717	·728	·722	·716	·705	·701	·701	·699	·705	·709	·699	·689	·679	·665	·645	13
14	·639	·611	·584	·571	·565	·559	·565	·587	·603	·615	·628	·648	·646	·648	·649	·658	·682	·690	·707	·710	·725	·732	·736	·728	14
15	·728	·712	·710	·694	·689	·675	·678	29·690	29·694	29·697	29·712	29·729	29·753	29·780	·798	·831	29·854	29·893	29·916	29·938	29·944	·980	·988	·988	15
16	·986	·988	·996	·984	·986	·988	·988	30·006	30·006	30·004	30·004	30·004	30·000	30·000	·996	·996	30·004	30·011	30·016	30·016	30·008	·994	·991	·976	16
17	·970	·956	·948	·924	·904	·890	·874	29·872	29·866	29·862	29·868	29·865	29·848	29·817	29·801	29·779	29·768	29·758	29·767	29·767	29·763	29·763	29·779	29·785	17
18	29·792	29·821	29·830	29·837	29·863	29·880	29·913	29·942	29·967	29·988	30·005	30·021	30·029	30·040	30·063	30·083	30·105	30·130	30·155	30·165	30·177	30·190	30·202	30·197	18
19	30·197	30·200	30·199	30·187	30·188	30·187	30·193	30·191	30·183	30·180	·168	·154	·126	·089	·074	·054	·034	·026	·011	29·990	29·968	29·951	29·936	29·920	19
20	29·909	29·902	29·900	29·898	29·908	29·926	29·944	29·966	29·977	·000	·017	·049	·058	·065	·078	·102	·130	·163	·199	30·233	30·253	30·275	30·285	30·315	20
21	30·337	30·349	30·365	30·375	30·389	30·390	30·405	30·429	30·439	·450	·463	·461	·449	·444	·449	·448	·449	·461	·478	·478	·479	·475	·473	·465	21
22	·451	·451	·433	·426	·419	·419	·419	·423	·416	·418	·416	·408	·381	·369	·357	·339	·338	·338	·328	·327	·313	·301	·287	·276	22
23	·263	·249	·228	·213	·201	·193	·191	·201	·205	·195	·193	·185	·161	·148	·130	·123	·117	·128	·128	·128	·125	·115	·101	·099	23
24	·093	·089	·080	·076	30·067	·063	·063	·063	·065	·067	·067	·057	·039	·017	·011	·010	·011	·025	·033	·031	·035	·031	·031	·029	24
25	·030	·023	·017	30·000	29·995	30·003	30·013	30·019	30·025	30·025	30·036	30·038	30·034	30·022	30·024	30·026	30·030	30·036	30·038	30·041	30·040	30·040	30·038	30·034	25
26	30·030	30·024	30·008	29·998	·980	29·968	29·964	29·968	29·968	29·963	29·952	29·945	29·929	29·915	29·907	29·895	29·875	29·871	29·857	29·832	29·809	29·795	29·771	29·753	26
27	29·708	29·721	29·700	·680	·672	·667	·650	·643	·635	·621	·603	·577	·528	·459	·429	·455	·489	·528	·561	·589	·619	·633	·651	·681	27
28	29·693	29·689	29·693	29·703	29·711	29·721	29·739	29·739	29·757	29·749	29·740	29·749	29·741	29·735	29·715	29·719	29·743	29·755	29·781	29·777	29·769	29·753	29·731	29·705	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER // FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	349	331	338	341	323	308	332	320	332	355	370	382	389	396	396	394	389	372	364	354	340	342	350	352	1
2	350	352	368	365	370	377	381	381	379	390	395	402	428	435	431	430	430	420	412	408	400	398	400	405	2
3	415	415	409	407	410	416	418	415	422	426	431	431	441	440	443	441	438	429	420	419	411	410	410	419	3
4	417	412	409	410	410	409	414	419	422	425	426	427	428	434	437	439	433	439	441	441	443	442	441	442	4
5	440	440	440	439	432	428	428	432	420	420	431	433	441	439	438	431	427	427	427	426	424	425	428	430	5
6	434	432	429	428	430	434	433	430	425	427	432	446	442	446	445	446	441	439	437	440	435	435	435	431	6
7	435	434	433	433	436	429	430	433	438	435	439	445	443	440	442	445	442	442	446	442	441	441	440	434	7
8	432	430	425	424	416	412	417	413	416	434	445	445	445	441	437	431	430	428	423	417	412	407	400	399	8
9	396	395	396	400	402	400	400	402	409	421	434	444	456	452	448	447	450	456	456	451	454	465	483	479	489	9
10	486	489	480	480	482	479	477	470	471	480	489	500	494	491	490	490	487	481	473	466	466	464	460	456	10
11	459	453	448	447	442	451	458	463	469	465	461	469	472	467	466	468	469	470	471	471	470	465	463	460	11
12	471	472	475	476	476	474	476	477	476	476	479	477	475	471	472	475	496	497	500	500	501	501	510	504	12
13	481	479	477	472	475	479	473	476	486	492	510	511	508	512	510	508	498	490	490	482	485	482	474	474	13
14	473	473	473	469	459	452	442	448	448	458	470	475	487	480	478	480	469	450	442	442	436	438	444	460	14
15	470	460	461	466	470	480	502	506	509	508	512	520	516	515	516	520	512	509	504	501	498	490	480	470	15
16	462	482	481	479	476	470	479	486	490	494	502	512	519	522	526	526	515	508	506	496	499	496	499	497	16
17	498	489	485	483	482	483	490	494	506	520	530	541	536	540	532	532	520	513	517	519	520	520	492	490	17
18	490	477	470	470	467	456	450	440	470	495	520	499	519	505	499	497	493	472	457	456	450	449	445	444	18
19	435	436	436	439	432	432	440	452	478	486	485	483	493	490	485	487	485	486	489	489	486	482	480	483	19
20	486	489	492	494	499	497	489	481	479	490	503	506	509	509	509	506	498	488	489	489	487	477	479	478	20
21	472	462	448	441	432	428	424	422	442	474	497	506	516	514	511	507	506	488	477	472	462	453	451	450	21
22	447	443	439	436	438	440	442	450	460	470	480	490	487	489	488	482	481	479	478	476	474	475	476	476	22
23	471	470	470	469	468	468	467	467	465	470	487	492	490	490	482	477	469	469	464	468	467	456	450	450	23
24	458	452	450	454	450	449	448	445	449	460	480	479	496	489	482	490	480	484	478	473	467	455	467	464	24
25	467	464	460	465	462	470	460	478	486	493	502	499	509	510	506	500	498	489	480	478	466	457	452	446	25
26	449	453	444	450	444	444	445	447	474	479	496	500	504	505	500	500	497	485	480	477	482	487	489	490	26
27	491	493	499	499	500	493	497	502	511	520	523	520	514	513	514	517	517	509	510	504	508	507	505	500	500	27
28	498	495	500	510	520	516	515	519	518	520	520	525	526	521	522	520	520	521	520	520	520	520	520	524	28
29																									29
30																									30
31																									31

WET BULB THERMOMETER // FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
329	314	320	322	309	297	318	304	315	325	339	343	347	354	352	351	351	347	341	333	323	322	330	336	1
335	335	349	348	350	355	360	360	360	366	377	380	389	390	391	392	390	387	384	380	377	376	380	386	2
389	390	388	389	391	392	398	397	408	413	418	415	422	418	419	412	405	399	389	381	382	382	381	385	3
385	384	382	381	383	384	389	394	390	407	410	408	407	409	410	416	411	418	419	421	424	420	422	416	4
414	412	414	411	402	406	407	392	394	397	406	408	407	406	404	399	396	397	398	399	400	400	401	402	5
405	400	397	392	396	400	400	400	389	395	400	411	410	417	419	419	415	412	410	407	405	405	406	402	6
404	401	405	401	406	401	401	407	419	415	418	423	422	420	422	424	421	416	418	417	417	414	408	405	7
401	399	400	390	390	387	388	390	392	400	410	411	412	410	406	402	402	400	400	392	390	384	380	378	8
378	372	374	378	379	377	378	380	390	398	410	420	429	429	427	429	439	447	445	448	460	480	486	484	9
481	484	475	470	468	463	463	461	464	471	475	480	476	479	477	476	473	470	463	459	460	459	457	454	10
454	450	444	443	439	447	451	452	452	450	450	453	458	452	453	456	457	458	461	460	461	456	456	461	11
464	464	462	463	464	459	462	461	464	463	463	462	462	461	466	470	490	492	495	495	497	497	507	490	12
469	469	463	462	462	462	467	469	477	482	492	491	491	494	491	485	484	477	481	475	478	474	467	469	13
468	468	468	463	454	445	436	430	433	432	430	438	449	446	450	449	446	429	423	420	415	420	430	447	14
455	452	455	459	468	477	500	505	508	505	510	518	515	505	504	507	497	495	491	490	484	474	465		15
459	479	478	475	472	466	471	478	480	485	499	510	517	516	511	512	508	500	497	485	487	484	485	485	16
486	477	477	477	475	474	475	483	490	497	500	499	500	498	500	499	497	500	504	509	511	483	480		17
481	465	460	464	452	443	432	433	452	470	486	460	472	462	460	461	458	447	438	439	432	433	430	429	18
424	427	429	432	426	426	428	440	457	462	466	464	475	472	469	460	470	471	473	475	477	476	477	481	19
482	484	487	488	492	489	480	469	465	470	478	480	480	480	479	478	477	469	470	467	465	458	459	455	20
452	445	432	426	420	417	411	411	435	454	466	470	483	485	488	486	486	475	469	466	457	450	449	447	21
443	440	436	432	432	438	441	440	458	464	469	471	471	466	462	465	460	460	460	462	459	460	458		22
457	449	449	444	445	435	440	444	440	440	445	445	451	453	459	452	442	440	442	441	442	442	437		23
434	434	432	436	436	434	432	428	434	441	450	455	468	469	480	471	470	466	464	460	457	444	452	463	24
455	452	453	456	451	459	460	462	471	474	478	480	485	480	481	478	471	469	465	460	455	447	444	437	25
439	443	437	440	433	436	445	460	458	467	479	477	480	479	477	477	474	467	464	464	465	472	474	475	26
479	480	486	488	490	488	490	494	500	507	510	510	504	508	515	513	506	500	492	493	495	489	489	489	27
489	492	496	507	516	513	512	517	517	517	518	522	523	520	520	522	520	518	519	520	519	518	520	520	28
																								29
																								30
																								31

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N. LONG: 5° 4' W.

HOURLY VALUES February 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N } AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V	DAYS
1	3	17	3	9.5	1	12	1	10.5	1	8.5	3	8.5	3	10.5	2	10.5	2	11	2	14	2	16	3	13	3	12	3	10.5	3	12	3	10.5	3	9.5	3	7.5	3	6.5	3	7.5	1	11	1	11	1	9.5	1	11			1
2	1	8.5	1	10.5	1	6.5	1	6.5	1	8.5	1	7.5	1	8.5	1	4.5	1	7.5	32	9.5	1	9.5	2	10.5	2	14	1	15	1	15	4	13	4	7.5	2	8.5	32	11	32	11	32	12	32	11	32	11	32	15			2
3	32	14	32	8.5	32	7.5	32	4	32	5.5	32	5.5	32	3	32	4	32	3	32	3	32	4	32	4	32	4	32	2.5	32	2	32	6.5	2	10.5	5	16	6	16	6	9.5	6	6.5	6	6.5	6	7.5	3	12			3
4	3	8.5	3	7.5	3	7.5	3	6.5	3	6.5	3	6.5	3	6.5	3	7.5	3	8.5	3	8.5	3	15	5	16	5	14	5	12	5	11	5	10.5	5	8.5	5	14	5	14	5	17	7	17	8	18	8	16	9	20			4
5	9	19	9	17	9	12	7	14	8	12	7	12	6	12	7	15	5	16	5	15	8	21	8	19	10	23	10	19	11	22	11	21	10	20	10	23	10	20	10	23	10	22	10	24	10	25	11	25			5
6	11	25	12	24	11	23	11	22	11	20	13	19	12	17	14	20	14	17	16	13	15	11	15	11	14	11	14	12	14	9.5	14	10.5	18	5.5	18	5.5	18	4.5	18	4	18	4.5	18	4	18	2	18	4			6
7	18	2	18	4	18	3	18	3	18	5.5	18	4	18	3	16	6.5	16	8.5	16	4.5	16	5.5	16	6.5	16	12	8	10.5	8	10.5	5	9.5	7	10.5	7	10.5	7	6.5	7	7.5	7	8.5	7	9.5	7	10.5	7	13			7
8	6	12	6	13	6	10.5	6	12	6	4.5	6	6.5	6	7.5	6	4.5	6	4	6	7.5	8	11	10	11	12	12	12	14	10	15	11	14	11	16	12	17	11	18	12	17	12	17	13	17	14	15	11	17			8
9	14	16	13	16	12	13	13	11	16	9.5	16	11	14	13	13	17	13	17	13	14	14	18	14	15	15	16	15	16	13	18	13	19	12	22	13	24	13	24	13	25	14	17	16	10.5	18	11	18	8.5			9
10	20	12	20	14	23	13	24	10.5	24	10.5	24	10.5	24	9.5	24	7.5	24	6.5	24	7.5	23	12	23	9.5	23	11	23	10.5	23	7.5	23	4	23	4.5	23	6.5	23	6.5	23	5.5	23	2.5	23	2	23	2	23	3			10
11	23	2	23	4.5	23	4	23	5.5	23	5.5	23	5.5	23	9.5	23	10.5	14	11	10	13	9	15	9	15	9	16	9	21	8	19	8	19	8	19	8	20	8	21	8	24	8	22	8	26	7	26	9	26			11
12	9	28	10	26	10	25	10	25	10	26	10	28	10	29	11	29	11	30	11	26	11	29	11	30	11	33	11	32	11	33	11	35	14	30	15	28	15	27	15	32	15	35	15	40	18	37	20	29			12
13	22	18	23	16	23	17	23	14	21	16	21	17	21	18	20	18	20	17	20	17	20	23	21	21	21	19	21	22	21	18	21	15	21	14	21	10.5	21	10.5	21	6.5	21	5.5	21	5.5	21	4	21	4			13
14	21	3	21	3	21	4	22	5.5	27	9.5	27	9.5	27	8.5	27	9.5	27	6.5	27	6.5	27	8.5	26	9.5	26	9.5	26	10.5	24	11	22	12	22	11	22	7.5	22	10.5	21	9.5	21	10.5	20	5.5	20	5.5	16	10.5			14
15	15	17	15	21	15	19	14	19	14	19	14	19	16	24	17	25	16	26	16	22	17	25	20	24	22	22	22	22	22	21	23	20	23	19	23	15	23	13	22	15	23	15	23	13	23	7.5	23	8.5			15
16	21	11	20	11	19	10.5	17	18	17	22	18	23	17	25	18	23	18	22	18	19	18	21	19	24	19	26	20	25	18	24	19	24	19	22	19	22	17	18	17	19	17	20	17	25	17	21	17	25			16
17	17	21	17	24	16	20	16	18	16	17	16	19	16	21	16	22	16	23	16	21	16	26	17	24	17	28	17	30	17	28	17	27	16	25	18	23	18	21	18	22	20	21	21	16	21	21					17
18	22	20	24	18	24	14	23	15	23	13	23	11	24	16	24	13	24	13	23	15	22	23	21	18	23	17	24	18	25	19	25	19	25	14	25	11	25	15	25	15	25	13	25	14	25	13	25	11			18
19	25	10.5	25	9.5	25	7.5	25	8.5	24	5.5	24	5.5	24	7.5	20	10.5	15	17	15	18	15	22	15	23	15	26	15	28	15	26	15	28	15	24	15	27	15	28	15	30	15	29	15	29	15	29	16	27			19
20	16	26	17	20	18	16	18	13	19	13	22	13	22	10.5	22	8.5	22	9.5	23	15	24	20	25	16	25	16	25	17	26	16	27	14	27	13	28	16	28	13	28	15	28	14	28	15	28	15	28	15			20
21	29	13	29	13	29	12	29	6.5	29	5.5	29	5.5	29	4.5	29	6.5	29	4	29	4	29	14	29	13	30	11	30	12	30	8.5	30	8.5	30	7.5	30	7.5	30	6.5	30	4.5	30	5.5	30	8.5	30	12	30	8.5			21
22	30	7.5	36	5.5	30	3	30	4	30	4.5	30	4	30	3	30	3	30	4	30	3	30	4	30	6.5	7	6.5	7	5.5	7	6.5	7	7.5	7	10.5	7	7.5	7	9.5	7	6.5	7	8.5	7	8.5	7	9.5	7	10.5			22
23	9	13	10	11	10	9.5	10	8.5	10	8.5	10	8.5	10	4	10	4.5	10	5.5	10	6.5	5	6.5	5	5.5	9	9	9	7.5	9	5.5	9	5.5	9	3	1	7.5	1	4.5	1	6.5	1	7.5	1	10.5	31	11	31	6.5			23
24	31	7.5	31	5.5	31	4.5	31	6.5	31	4.5	31	5.5	31	4	31	2	31	3	31	4.5	31	4	27	6.5	24	12	23	11	22	13	23	8.5	24	7.5	28	8.5	28	7.5	28	7.5	28	7.5	28	7.5	28	5.5	28	5.5			24
25	28	5.5	28	4.5	28	5.5	28	5.5	28	7.5	28	9.5	28	10.5	26	13	26	15	26	12	27	15	27	15	26	16	26	16	26	15	26	15	26	16	26	13	26	12	25	10.5	25	10.5	25	11	25	12	24	10.5			25
26	24	9.5	24	7.5	24	8.5	24	12	23	12	22	16	20	16	20	18	20	11	20	14	19	24	20	23	20	28	20	24	20	21	20	18	19	15	18	17	18	17	17	19	17	22	17	25	16	26	16	29			26
27	17	28	17	28	17	27	17	24	18	23	18	21	18	22	18	25	18	24	18	24	17	29	18	29	17	34	17	35	19	44	22	32	24	22	24	20	23	18	23	16	23	12	23	17	23	15	22	18			27
28	22	16	22	16	21	18	21	25	22	23	22	27	21	28	21	30	21	30	20	30	20	37	20	32	20	36	20	34	20	32	21	37	22	31	22	26	22	17	21	15	20	20	20	25	20	27	20	30			28
29																																																			29
30																																																			30
31																																																			31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET }

DAYS	J	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.010	.020	.090	.060	.040	.020	.005	.005					9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11																								.060	11
12	.005	.005	.	.	.	.	.	.	.	.	.	.	.030	.045	.125	.110	.100	.030	.	.010	.090	.080	.050	.010	12
13	.	.	.	.	.	.005	.010	.010	.005	.	.	.	.	.	.	.	.005	.	.	.	.	.005	.	.	13
14	.005	.040	.025	.015	.020	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.020	.035	.005	.015	.025	.040	.030	.005	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	16
17	.	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.030	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.005	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.015	.010	.025	.055	.095	19
20	.065	.045	.005	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	20
21	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.015	.005	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.010	.	.	.	.	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	26
27	.	.005	.	.	.	.	.005	.	.	.	.010	.045	.105	.055	.135	.030	.	.	.	.	.	.	.	.005	27
28	.	.015	.015	.035	.	.005	.	.005	.	.005	.	.010	.	.020	.010	.	.	.	.	.	.005	.005	.050	.070	28
29																									29
30																									30
31																									31
	.185	.075	.120	.060	.065	.040	.030	.055	.025	.020	.050	.040	.055	.080	.170	.190	.245	.145	.050	.090	.085	.150	.145	.190	.255
	1	3	7	4	5	4	3	4	4	2	4	1	4	3	3	3	2	4	2	1	3	5	6	5	8

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.163	.154	.158	.159	.152	.145	.161	.145	.155	.153	.163	.160	.161	.166	.162	.163	.167	.175	.173	.167	.162	.158	.164	.174	1
2	.174	.172	.182	.186	.182	.185	.189	.189	.191	.192	.207	.205	.197	.193	.198	.201	.197	.202	.202	.199	.202	.202	.207	.213	2
3	.209	.211	.212	.216	.217	.214	.225	.225	.241	.243	.250	.244	.247	.240	.239	.227	.219	.214	.205	.193	.200	.201	.199	.200	3
4	.201	.203	.202	.199	.202	.205	.210	.218	.221	.234	.238	.233	.230	.228	.227	.237	.233	.241	.241	.245	.249	.242	.247	.234	4
5	.232	.228	.232	.229	.217	.228	.230	.199	.214	.220	.225	.227	.217	.217	.215	.212	.211	.213	.214	.217	.217	.220	.219	.219	5
6	.221	.213	.211	.203	.208	.211	.213	.215	.200	.205	.206	.218	.222	.231	.237	.235	.233	.229	.225	.221	.215	.220	.221	.218	6
7	.218	.213	.222	.214	.220	.216	.217	.225	.242	.240	.241	.245	.245	.244	.246	.247	.244	.234	.240	.236	.237	.231	.220	.221	7
8	.216	.213	.220	.203	.210	.208	.206	.213	.214	.211	.219	.221	.223	.223	.219	.218	.219	.217	.222	.218	.213	.207	.207	.204	8
9	.205	.198	.200	.203	.203	.202	.203	.205	.216	.220	.230	.240	.246	.249	.249	.255	.273	.285	.286	.290	.305	.331	.338	.333	9
10	.330	.333	.322	.309	.302	.293	.296	.301	.307	.312	.311	.309	.307	.319	.315	.312	.309	.308	.302	.301	.303	.304	.304	.298	10
11	.298	.295	.288	.286	.284	.291	.291	.289	.281	.281	.286	.282	.291	.284	.287	.291	.292	.293	.300	.297	.301	.295	.297	.302	11
12	.307	.305	.297	.298	.300	.298	.288	.294	.293	.300	.293	.296	.297	.300	.316	.316	.340	.343	.348	.348	.352	.352	.366	.330	12
13	.306	.306	.296	.300	.297	.291	.312	.311	.320	.324	.328	.325	.328	.330	.326	.322	.322	.315	.325	.320	.324	.317	.310	.315	13
14	.314	.314	.314	.307	.298	.285	.277	.276	.265	.250	.233	.244	.255	.255	.265	.261	.254	.251	.248	.242	.238	.246	.260	.280	14
15	.267	.293	.298	.301	.318	.327	.358	.361	.370	.364	.371	.383	.378	.358	.356	.353	.338	.342	.343	.336	.337	.332	.319	.311	15
16	.306	.330	.329	.323	.320	.313	.313	.322	.322	.330	.356	.371	.381	.374	.356	.358	.363	.357	.346	.327	.326	.324	.323	.326	16
17	.327	.316	.321	.323	.320	.316	.310	.305	.308	.310	.315	.309	.313	.310	.318	.323	.333	.337	.339	.346	.358	.364	.327	.322	17
18	.325	.301	.298	.301	.284	.276	.257	.261	.280	.292	.301	.266	.271	.264	.266	.270	.269	.266	.264	.267	.257	.261	.250	.258	18
19	.258	.263	.268	.271	.266	.266	.261	.273	.286	.284	.294	.292	.306	.303	.302	.299	.304	.305	.306	.311	.320	.322	.327	.334	19
20	.332	.333	.337	.337	.340	.336	.323	.306	.298	.298	.361	.363	.306	.300	.298	.361	.305	.298	.299	.292	.299	.285	.284	.277	20
21	.277	.274	.260	.256	.253	.251	.243	.245	.265	.279	.281	.282	.299	.306	.317	.316	.317	.312	.311	.310	.301	.295	.296	.292	21
22	.286	.284	.280	.275	.272	.270	.281	.277	.285	.293	.295	.296	.304	.301	.291	.288	.296	.286	.288	.294	.298	.290	.290	.286	22
23	.290	.273	.273	.263	.266	.245	.259	.266	.259	.253	.247	.243	.257	.261	.274	.265	.271	.254	.258	.262	.275	.281	.286	.273	23
24	.254	.260	.251	.262	.266	.263	.260	.255	.263	.267	.263	.278	.287	.297	.307	.300	.299	.295	.298	.294	.295	.282	.284	.289	24
25	.291	.287	.294	.295	.287	.296	.285	.297	.306	.304	.302	.310	.312	.299	.305	.304	.293	.297	.297	.294	.292	.284	.283	.277	25
26	.274	.279	.276	.275	.267	.274	.283	.295	.288	.303	.312	.302	.305	.302	.302	.302	.299	.297	.295	.299	.295	.306	.300	.310	26
27	.319	.318	.329	.330	.334	.337	.338	.343	.347	.353	.357	.361	.353	.365	.376	.373	.352	.348	.335	.333	.340	.327	.332	.332	27
28	.335	.345	.350	.366	.377	.374	.373	.381	.383	.380	.383	.387	.389	.387	.385	.383	.384	.380	.385	.387	.385	.383	.388	.382	28
29																									29
30																									30
31																									31
							7619													7898					

Meteorological Office
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

STONYHURST OBSERVATORY LAT. 53°51' N LONG. 2°28' W

HOURLY VALUES February 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·236	30·234	30·236	30·232	30·222	30·214	30·196	30·196	30·198	30·194	30·179	30·165	30·147	30·127	30·113	30·106	30·097	30·101	30·099	30·097	30·095	30·093	30·085	30·083	1
2	·073	·067	·065	·059	·053	·053	·063	·063	·067	·063	·072	·064	·054	·045	·042	·038	·032	·028	·032	·036	·035	·032	·036	·040	2
3	·034	·038	·036	·038	·036	·040	·048	·062	·068	·092	·103	·096	·086	·078	·076	·084	·088	·097	·106	·112	·122	·117	·122	·130	3
4	·128	·124	·118	·114	·116	·119	·124	·134	·142	·147	·151	·154	·152	·146	·140	·146	·156	·156	·156	·154	·156	·150	·154	·156	4
5	·146	·146	·150	·148	·148	·152	·154	·160	·162	·173	·176	·173	·164	·154	·150	·149	·154	·154	·158	·162	·162	·160	·160	·162	5
6	·158	·155	·148	·140	·132	·120	·123	·132	·132	·132	·138	·138	·130	·110	·108	·108	·118	·131	·130	·134	·135	·134	·142	·144	6
7	·146	·142	·140	·143	·144	·142	·144	·150	·162	·162	·160	·152	·150	·140	·146	·146	·152	·156	·163	·168	·180	·188	·204	·214	7
8	·210	·216	30·200	30·196	30·188	30·186	30·184	30·196	30·200	30·202	30·198	30·190	30·172	30·150	30·136	30·132	30·124	30·110	30·102	30·084	30·084	30·068	30·060	30·054	8
9	30·035	30·014	29·992	29·968	29·950	29·940	29·932	29·930	29·914	29·902	29·894	29·878	29·846	29·822	29·800	29·786	29·764	29·748	29·744	29·734	29·718	29·710	29·688	29·672	9
10	29·656	29·636	·614	·606	·588	·584	·576	·566	·562	·567	·562	·550	·534	·520	·514	·520	·524	·530	·530	·534	·538	·542	·542	·546	10
11	·546	·548	·548	·554	·554	·552	·558	·572	·578	·586	·600	·602	·599	·598	·601	·610	·628	·644	·654	·670	·682	·694	·708	·726	11
12	·734	·744	·749	·756	·772	·782	·792	·808	·816	·826	·830	·834	·818	·806	·800	·798	·784	·780	·763	·750	·734	·710	·688	·664	12
13	·616	·562	·524	·482	·480	·464	·458	·448	·446	·453	·451	·449	·437	·425	·417	·423	·427	·441	·449	·455	·459	·465	·471	·480	13
14	·481	·473	·465	·469	·467	·467	·466	·465	·465	·465	·461	·447	·409	·381	·379	·383	·393	·420	·437	·460	·467	·489	·500	·511	14
15	·527	·523	·517	·527	·539	·550	·561	·569	·571	·557	·558	·534	·508	·477	·452	·446	·464	·500	·516	·544	·568	·606	·629	·648	15
16	·656	·656	·656	·672	·672	·682	·688	·686	·688	·680	·677	·679	·677	·672	·677	·677	·679	·675	·681	·688	·699	·719	·721	·725	16
17	·721	·713	·709	·691	·679	·667	·661	·659	·648	·643	·627	·595	·563	·539	·525	·513	·511	·511	·505	·495	·481	·461	·459	·451	17
18	·451	·465	·481	·485	·499	·511	·521	·544	·559	·589	·593	·611	·633	·651	·656	·683	·721	·753	·789	·815	·829	·853	·871	·889	18
19	·901	·925	·925	·935	·941	·949	·959	·973	·992	·981	·972	·956	·924	·900	·878	·871	·860	·848	·838	·820	·804	·790	·770	29·746	19
20	29·722	29·698	29·676	29·668	29·654	29·666	29·664	29·662	29·680	29·690	29·696	29·712	29·714	29·726	29·742	29·774	29·792	29·846	29·876	29·896	29·932	29·950	29·978	30·010	20
21	30·030	30·046	30·054	30·052	30·066	30·088	30·098	30·112	30·118	30·131	30·138	30·144	30·134	30·144	30·146	30·166	30·168	30·184	30·198	30·202	30·202	30·206	30·194	·198	21
22	·198	·193	·185	·182	30·178	30·172	30·174	30·180	30·190	30·187	30·190	30·182	30·164	30·158	30·140	30·138	30·126	30·130	30·130	30·120	30·110	30·100	30·088	30·078	22
23	30·058	30·044	30·024	30·010	29·994	29·988	29·978	29·978	29·976	29·970	29·963	29·950	29·924	29·910	29·898	29·892	29·890	29·898	29·898	29·896	29·894	29·886	29·880	29·872	23
24	29·864	29·860	29·852	29·846	·842	·831	·822	·836	·834	·834	·818	·800	·786	·766	·760	·748	·748	·750	·752	·750	·742	·730	·712	·700	24
25	·688	·679	·656	·654	·653	·662	·668	·683	·686	·682	·688	·673	·662	·648	·639	·628	·618	·612	·608	·610	·610	·612	·608	·622	25
26	·620	·622	·618	·616	·613	·610	·614	·610	·614	·612	·616	·613	·596	·579	·568	·562	·546	·542	·530	·520	·510	·504	·500	·500	26
27	·490	·474	·458	·438	·420	·398	·380	·370	·354	·338	·346	·324	·284	·268	·222	·196	·194	·192	·196	·204	·210	·228	·234	·264	27
28	29·290	29·304	29·306	29·334	29·348	29·366	29·372	29·378	29·364	29·362	29·355	29·327	29·309	29·293	29·249	29·239	29·281	29·321	29·337	29·357	29·361	29·373	29·379	29·377	28
29																									29
30																									30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	28·0	27·0	27·2	27·6	27·4	27·4	28·4	27·9	28·9	31·0	34·0	35·7	35·9	39·0	38·4	38·2	38·6	36·7	36·4	37·1	35·9	35·8	35·9	35·2	1
2	35·8	34·9	34·9	34·8	35·9	35·0	35·1	34·9	35·6	36·1	37·1	37·9	39·0	42·4	41·9	41·0	39·6	39·1	39·9	39·9	38·0	35·9	35·2	34·4	2
3	33·2	33·0	32·1	31·8	31·9	32·0	33·0	31·0	32·2	33·3	34·7	35·5	36·0	37·0	37·5	37·8	37·4	36·2	35·9	35·4	35·4	35·7	35·1	35·0	3
4	35·6	35·1	35·5	35·8	35·5	35·2	35·0	34·9	35·2	36·0	37·7	37·9	39·0	39·9	40·0	39·9	39·0	38·9	38·4	38·4	38·2	38·8	37·8	37·9	4
5	38·2	38·5	38·4	37·9	37·7	37·2	37·0	37·1	37·6	38·2	39·8	40·1	40·8	40·9	40·9	40·2	39·4	38·0	38·1	38·0	37·5	37·4	37·3	37·1	5
6	36·8	36·0	35·8	35·0	34·0	34·0	34·2	33·6	33·5	33·1	33·1	33·8	34·2	34·3	33·7	35·7	35·2	35·0	34·2	33·7	32·8	32·2	32·9	33·5	6
7	34·2	33·8	34·2	35·0	34·0	35·1	35·2	35·1	37·0	37·2	40·9	43·7	43·5	44·8	44·5	43·4	42·1	41·9	41·1	39·2	39·0	36·3	35·9	37·6	7
8	37·1	37·8	38·4	38·3	38·0	39·0	39·9	39·5	39·2	39·2	39·9	40·8	41·0	41·3	41·4	40·8	40·0	39·2	38·9	38·3	37·2	36·6	36·1	35·9	8
9	34·9	33·7	32·5	30·8	29·8	29·9	29·9	30·0	31·0	30·4	30·9	31·9	32·3	32·3	31·9	31·4	31·2	30·9	31·2	31·2	32·1	31·7	32·0	32·5	9
10	32·2	31·9	31·7	32·0	32·0	32·1	31·9	32·8	33·2	33·6	35·2	36·4	38·3	39·9	39·7	40·0	39·2	38·0	38·0	38·8	38·9	38·8	38·6	37·8	10
11	36·9	37·1	37·6	36·5	35·0	33·6	31·2	30·7	31·9	35·6	38·3	41·9	41·0	42·8	43·4	42·9	41·1	38·6	38·0	38·9	39·1	39·1	36·2	35·7	11
12	35·0	34·0	34·0	33·8	34·1	34·5	34·1	35·8	36·0	37·5	37·2	38·9	38·3	38·0	39·0	38·4	38·0	37·8	36·6	36·0	36·5	36·3	36·0	33·0	12
13	34·0	32·8	34·2	34·3	34·3	34·4	35·0	35·4	36·9	36·4	36·4	35·9	36·0	36·0	36·9	37·7	38·0	38·4	38·2	38·6	39·1	39·0	39·2	39·0	13
14	40·0	40·0	39·9	39·5	39·1	38·9	38·6	39·1	39·6	39·8	40·1	40·1	41·1	42·0	41·9	42·6	42·1	41·8	41·1	41·0	41·0	40·4	39·2	39·1	14
15	39·7	39·9	39·3	39·5	40·1	40·0	40·8	40·7	40·9	42·3	44·4	44·9	45·9	45·1	45·7	46·0	47·1	47·2	46·0	45·1	45·4	45·0	43·2	42·2	15
16	41·0	40·8	40·2	39·9	40·4	42·8	43·1	43·5	43·2	44·7	45·9	47·2	46·0	47·8	47·8	48·4	49·0	48·8	48·3	48·1	47·8	46·0	45·2	45·0	16
17	45·0	45·1	45·5	47·0	47·8	47·6	47·0	47·1	47·8	49·5	52·2	54·0	55·0	56·3	55·2	54·1	53·1	52·9	52·6	51·5	49·6	49·3	48·2	47·0	17
18	48·6	46·1	43·4	41·6	40·8	41·1	41·5	43·0	44·0	46·8	46·2	47·3	46·8	48·8	48·2	47·0	45·2	43·8	43·1	42·1	41·8	40·2	38·9	39·8	18
19	38·1	40·0	39·8	40·1	40·4	40·6	40·9	40·9	40·2	42·0	43·8	45·0	46·3	48·0	48·7	46·6	45·7	44·3	44·0	42·9	42·2	42·0	42·2	42·2	19
20	42·4	41·9	42·3	42·3	42·9	43·1	43·5	44·0	44·8	45·8	48·4	49·0	49·0	48·9	46·9	47·0	46·6	46·2	45·3	45·0	43·2	43·8	41·9	41·4	20
21	41·8	40·0	40·9	40·9	41·9	41·9	42·3	42·8	44·1	44·7	45·8	45·8	46·4	46·8	47·3	47·0	46·8	46·1	45·8	45·2	45·8	45·6	45·7	45·7	21
22	45·1	45·2	45·1	44·9	44·7	44·7	44·1	44·0	44·3	45·7	46·1	46·0	46·0	45·1	45·5	44·9	44·2	43·8	43·3	43·2	43·0	43·0	42·9	42·3	22
23	42·4	42·2	42·2	42·0	42·2	42·2	42·5	42·5	43·2	44·1	45·0	45·2	46·1	45·8	45·6	45·0	44·9	43·9	43·8	43·6	43·8	43·1	42·1	42·1	23
24	42·2	44·0	42·8	42·9	42·7	42·9	42·9	43·0	43·2	43·5	44·1	45·0	45·0	45·8	45·9	45·9	45·0	44·9	44·7	44·2	44·8	44·7	44·0	44·8	24
25	44·2	44·1	44·4	43·0	42·0	41·0	41·1	40·1	40·8	43·0	44·0	43·9	44·9	44·5	44·2	43·7	43·2	43·3	43·1	43·6	43·7	44·0	43·9	42·0	25
26	41·9	40·9	40·6	39·9	41·0	42·2	42·9	43·0	42·8	44·1	44·4	44·8	47·0	47·8	47·0	44·9	45·3	45·9	45·3	45·6	46·8	46·4	46·3	46·0	26
27	46·1	45·5	45·0	44·2	44·7	44·4	44·8	44·0	45·4	46·2	48·0	49·5	50·3	50·5	51·0	51·4	50·7	49·0	48·4	47·8	47·0	47·0	47·0	47·4	27
28	46·9	46·2	46·6	46·4	46·0	45·9	46·0	45·9	47·9	49·4	49·3	49·2	50·2	51·4	51·6	51·2	49·9	48·8	48·8	47·1	47·6	47·7	46·9	47·9	28
29																									29
30																									30
31																									31

* Record defective or Instrument out of action. * Approximate

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	2	1.5	2	1.5	2	2	2	1.5	2	2	2	1.5	2	1.5	2	2	2	1.5	2	1.5	2	2	2	2
2	28	3	28	2	28	2	28	4	28	4	28	2	28	2	28	2	28	2	28	2	28	2	28	3
3	27	3	27	3	27	3	28	5.5	31	4.5	31	4	31	2	5	4	5	3	5	3	7	3	7	2
4	20	1.5	20	1.5	20	1.5	20	1.5	20	2	20	2	20	2	20	2	20	2	20	2	20	3	20	2
5	22	4	22	5.5	22	6.5	22	5.5	22	6.5	22	6.5	22	6.5	22	5.5	22	7.5	21	5.5	21	5.5	21	6.5
6	16	7.5	15	8.5	14	6.5	14	7.5	14	6.5	15	5.5	15	4.5	14	5.5	13	6.5	14	6.5	15	8.5	15	7.5
7	20	3	20	2	20	3	20	2	20	2	20	2	20	2	20	2	20	3	20	3	20	6.5	20	11
8	21	4	21	3	21	2	21	2	21	3	21	3	21	4	21	3	21	2	21	3	22	2	22	2
9	20	4.5	20	4	20	4.5	20	4.5	20	4	20	2	20	2	20	3	20	3	20	2	20	6.5	20	4
10	20	2	20	2	20	2	20	3	20	2	20	3	20	3	20	3	20	3	20	2	19	4.5	19	3
11	19	3	19	4	19	4	19	4	19	5.5	19	6.5	19	6.5	19	6.5	19	4.5	19	4	19	4.5	6	7.5
12	2	7.5	2	6.5	2	5.5	3	5.5	2	4.5	2	4	2	5.5	6	5.5	8	4	8	9.5	11	12	12	15
13	6	13	3	11	7	14	6	16	6	11	5	10.5	5	9.5	7	10.5	6	9.5	3	7.5	1	14	1	10.5
14	7	4	7	5.5	5	4	6	4.5	5	4.5	3	6.5	1	7.5	3	10.5	4	10.5	1	8.5	2	11	2	9.5
15	20	4.5	19	4	20	2	19	5.5	19	4.5	20	4	21	4.5	22	3	16	8.5	14	7.5	14	10.5	16	9.5
16	22	7.5	20	8.5	21	11	22	10.5	21	10.5	20	10.5	18	13	17	13	17	6.5	16	13	15	19	17	16
17	16	6.5	16	11	16	14	15	18	15	17	16	20	16	20	14	13	16	12	15	13	17	16	15	23
18	18	21	21	15	21	14	21	10.5	21	6.5	20	6.5	21	6.5	19	11	20	13	19	15	21	29	21	26
19	20	4.5	18	5.5	14	5.5	21	4	21	4	21	4.5	21	4.5	21	4.5	17	4	16	4.5	17	7.5	16	12
20	14	21	15	23	15	26	15	30	15	29	15	24	15	21	16	29	16	25	16	21	18	17	17	19
21	22	8.5	19	7.5	18	9.5	16	6.5	18	7.5	20	8.5	22	10.5	22	9.5	23	13	22	11	22	9.5	21	13
22	24	5.5	24	6.5	24	8.5	22	6.5	23	7.5	23	9.5	23	10.5	23	9.5	23	9.5	22	8.5	22	13	23	12
23	21	4.5	21	4.5	21	4	21	4.5	21	5.5	21	6.5	21	7.5	21	7.5	22	11	23	14	22	15	22	15
24	19	4.5	23	5.5	22	3	22	5.5	22	2	22	3	22	2	22	6.5	21	5.5	21	5.5	21	10.5	21	15
25	21	19	21	16	21	18	24	10.5	26	15	25	9.5	23	10.5	21	8.5	22	10.5	23	17	22	22	22	24
26	24	4.5	23	9.5	24	9.5	25	3	23	4.5	22	6.5	23	7.5	23	8.5	22	6.5	22	12	21	14	21	18
27	18	12	19	10.5	18	8.5	16	16	16	7.5	15	13	15	18	16	13	16	14	15	19	16	22	16	21
28	20	8.5	20	8.5	21	11	21	15	22	14	21	11	21	8.5	20	7.5	20	6.5	18	9.5	16	11	17	10.5
29																								
30																								
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	30	3	29	4.5	27	8.5	26	7.5	26	8.5	27	2	27	2	27	3	28	2	28	1.5	28	2	28	3
2	28	3	28	7.5	27	8.5	27	6.5	27	5.5	27	4.5	27	4.5	27	4.5	27	4	27	3	27	2	27	4
3	7	3	12	3	12	3	16	4	16	5.5	20	5.5	20	4.5	20	3	20	2	20	2	20	1.5	20	1.5
4	20	3	20	3	20	4	22	4.5	22	3	22	4	22	4	22	4	22	4	22	3	22	3	22	3
5	22	5.5	22	7.5	22	4.5	22	4.5	22	3	22	4	22	4	22	3	22	3	21	2	21	2	21	4
6	18	6.5	19	6.5	18	3	19	4.5	19	4.5	20	4.5	20	4	20	4	20	3	20	2	20	2	20	2
7	20	10.5	21	14	22	10.5	22	10.5	22	12	23	14	22	11	21	4.5	21	5.5	21	5.5	21	4	21	4
8	22	3	22	4	20	4.5	20	3	20	3	20	2	20	3	20	3	20	4	20	3	20	3	20	2
9	20	5.5	20	6.5	20	5.5	20	4	20	2	20	3	20	3	20	3	20	2	20	2	20	2	20	2
10	19	3	19	3	19	4	19	3	19	2	19	3	19	3	19	3	19	3	19	3	19	4	19	1.5
11	5	7.5	6	8.5	6	8.5	5	7.5	4	5.5	3	6.5	3	5.5	3	4.5	4	5.5	3	5.5	3	6.5	3	9.5
12	12	14	11	17	10	12	11	11	10	10.5	9	8.5	8	10.5	8	9.5	8	8.5	7	10.5	9	13	7	14
13	1	12	1	11	1	9.5	1	9.5	2	6.5	1	5.5	1	5.5	2	4	2	3	2	3	2	3	2	3
14	3	10.5	3	8.5	5	4	5	4	5	3	17	4.5	17	4.5	17	5.5	20	6.5	20	4.5	20	3	20	4
15	14	17	13	19	14	25	15	21	18	13	20	14	21	8.5	20	9.5	20	11	21	9.5	22	5.5	22	8.5
16	19	12	19	15	20	16	19	18	20	18	20	15	20	12	19	11	19	6.5	14	9.5	18	7.5	16	7.5
17	16	30	16	26	16	26	17	19	17	16	16	22	15	24	15	26	15	23	15	23	15	23	15	21
18	21	21	22	24	21	25	21	22	21	15	21	10.5	21	9.5	21	10.5	21	6.5	20	2	16	4.5	20	6.5
19	16	18	15	17	16	18	18	9.5	16	16	16	15	15	16	15	13	16	15	16	20	14	12	14	18
20	19	15	22	18	21	15	21	12	21	11	23	14	24	13	25	9.5	21	5.5	23	7.5	23	6.5	22	4.5
21	21	16	18	12	23	11	23	6.5	23	9.5	23	9.5	22	7.5	22	6.5	22	11	23	7.5	24	10.5	23	9.5
22	22	16	23	11	23	13	22	9.5	22	7.5	22	5.5	21	6.5	22	6.5	22	8.5	22	5.5	22	5.5	21	4.5
23	22	12	22	12	21	10.5	23	11	22	9.5	23	7.5	23	7.5	24	8.5	24	9.5	22	10.5	24	4	18	4.5
24	23	20	23	20	23	18	23	15	22	14	22	13	22	13	22	10.5	22	10.5	21	8.5	20	10.5	21	16
25	22	24	23	29	22	25	22	21	21	19	21	19	21	19	21	13	22	18	23	17	24	14	24	9.5
26	21	19	21	18	21	14	20	11	21	8.5	20	8.5	20	6.5	19	8.5	19	11	19	11	20	11	19	11
27	16	23	16	22	16	21	16	20	15	20	16	14	18	10.5	19	6.5	20	6.5	20	4.5	20	8.5	21	9.5
28	19	11	19	13	19	16	20	24	22	22	21	20	21	18	21	15	22	17	21	16	21	12	20	12
29																								
30																								
31																								

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.008	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	Dew. ~~.007~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	~~.006~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	Dew ~~.005~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	Dew ~~.005~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.090	.110	.020	.012	.012	.012	.011	~~.002~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.005	.005	.010	~~.002~~	.	.020	.018	.012	.005	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	~~.001~~	~~.001~~	.	.	.	.015	.020	.040	.005	.	.	.	.	.	.	.
16	.	.	.	.	.	.001	.	.002	.002	.	.	.	.	.020	.025	.005	.	.	.	.	.	.	.	.
17	.	.	.	.	.002	.	.002	.	.002	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.005	.002	.	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.014	.002	.002	.002	.	.	.003	.	~~.002~~	.	.	.	.	.008	.007	.005	.	.002	.003	.	.	.	.
21	.	.	.	.	.	.002	.004	.010	.010	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	~~.005~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.010	.	.050	.005	.	.	.	.	.	.	.	.	.025	.105	.020
25	.065	.065	.060	.027	.005	.005	.002	.003	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.002	.001	.002	.001	.002	.005	.003	.005	.020	.035	.025	.010	.	.	.005	.	.	.007	.040	.025	.030	.010	.005
27	.002	.	.	.	.	.002	.004	.005	.010	.004	.	.	.	.	.	.	.	.020	.025	.020	.010	.004	.	.
28	.002	.	.	.008	.008	.	.002	.	.001	.	.	.038	.060	.030	.122	.140	.083	.	.	.	.	.	.	.
29																								
30																								
31																								
.025	.069	.081	.158	.151	.038	.027	.036	.043	.052	.046	.043	.133	.093	.077	.180	.197	.093	.020	.034	.063	.035	.059	.115	.025

*Record defective or Instrument out of action.

* Approximate.

VAPOUR TENSION.

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
.125	.127	.127	.130	.131	.128	.141	.122	.130	.148	*	*	.183	.207	.206	.206	.201	.202	.203	.201	.200	.195	.192	.202	1
.197	.189	.187	.188	.198	.194	.195	.189	.195	.203	.203	.209	.220	.203	.198	.197	.195	.198	.194	.194	.194	.185	.186	.185	2
.171	.175	.176	.160	.162	.157	.169	.161	.167	.180	.186	.193	.199	.204	.210	.208	.211	.208	.205	.200	.201	.204	.203	.202	3
.199	.203	.200	.199	.199	.200	.200	.193	.200	.210	.212	.213	.216	.206	.205	.204	.199	.196	.202	.202	.202	.199	.194	.193	4
.192	.190	.190	.193	.191	.189	.184	.181	.177	.185	.191	.193	.196	.196	.198	.194	.195	.184	.187	.187	.188	.192	.193	.188	5
.182	.177	.175	.168	.166	.160	.170	.160	.160	.158	.160	.158	.170	.169	.177	.178	.182	.180	.174	.166	.166	.155	.164	.164	6
.172	.162	.172	.172	.179	.177	.178	.183	.189	.194	.200	.212	.210	.231	.239	.247	.244	.244	.209	.234	.222	.208	.198	.213	7
.205	.208	.216	.213	.214	.216	.229	.232	.236	.232	.235	.237	.235	.247	.244	.235	.226	.230	.223	.223	.218	.205	.209	.202	8
.189	.180	.175	.152	.147	*	.147	.164	.161	.159	.155	.162	.173	.175	.159	.153	.153	.150	.155	.168	.156	.162	.160	.159	9
.158	.159	.160	.157	.160	.156	.159	.164	.165	.158	.172	.187	.189	.194	.194	.205	.205	.200	.199	.199	.196	.199	.202	.196	10
.197	.198	.194	.192	.184	.160	.145	.138	.140	.160	.172	.200	.199	.197	.197	.205	.200	.194	.190	.200	.200	.187	.189	.180	11
.182	.176	.176	.174	.175	.174	.173	.174	.179	.178	.175	.179	.173	.171	.179	.171	.173	.171	.171	.172	.168	.165	.155	.161	12
.164	.164	.176	.174	.174	.175	.180	.182	.194	.198	.200	.196	.197	.201	.203	.210	.208	.212	.210	.213	.217	.216	.216	.212	13
.218	.218	.210	.213	.209	.217	.220	.227	.231	.228	.233	.233	.243	.247	.246	.256	.257	.247	.256	.255	.250	.246	.234	.233	14
.226	.225	.219	.221	.223	.224	.217	.220	.218	.230	.256	.254	.264	.272	.277	.289	.307	.300	.289	.279	.281	.266	.271	.263	15
.239	.235	.230	.225	.228	.238	.244	.248	.249	.247	.249	.253	.267	.286	.307	.315	.305	.310	.313	.308	.295	.285	.278	.275	16
.275	.276	.286	.296	.293	.297	.290	.296	.290	.283	.285	.283	.279	.286	.291	.297	.285	.280	.276	.269	.271	.267	.269	.272	17
.295	.291	.270	.250	.237	.238	.237	.251	.248	.245	.257	.254	.261	.259	.257	.257	.258	.248	.254	.242	.237	.224	.221	.228	18
.223	.232	.228	.244	.242	.240	.236	.236	.226	.225	.232	.243	.243	.235	.237	.251	.247	.241	.236	.231	.235	.227	.227	.223	19
.225	.234	.240	.240	.239	.252	.252	.257	.257	.271	.286	.289	.289	.281	.299	.303	.301	.294	.284	.275	.262	.250	.240	.231	20
.225	.226	.230	.232	.246	.253	.263	.266	.285	.281	.301	.296	.309	.306	.317	.316	.304	.298	.294	.295	.291	.290	.286	.289	21
.281	.280	.274	.274	.266	.268	.264	.261	.263	.266	.245	.246	.240	.232	.247	.236	.246	.246	.250	.249	.249	.251	.250	.246	22
.247	.247	.245	.245	.243	.239	.228	.238	.232	.223	.235	.233	.247	.248	.252	.251	.242	.247	.250	.252	.252	.254	.251	.253	23
.261	.267	.261	.263	.268	.276	.269	.275	.277	.276	.287	.297	.294	.285	.279	.281	.275	.274	.277	.283	.282	.281	.281	.282	24
.286	.287	.284	.266	.235	.217	.238	.231	.215	.210	.226	.231	.219	.217	.211	.227	.232	.233	.237	.246	.249	.266	.262	.246	25
.238	.230	.223	.221	.237	.261	.256	.257	.257	.282	.283	.277	.271	.277	.271	.276	.284	.286	.293	.294	.304	.309	.302	.285	26
.273	.270	.266	.262	.257	.269	.271	.276	.290	.289	.292	.297	.309	.314	.306	.313	.309	.320	.305	.312	.318	.313	.318	.317	27
.307	.306	.303	.304	.297	.290	.292	.295	.308	.303	.308	.337	.348	.363	.361	.363	.340	.325	.328	.317	.315	.311	.302	.310	28
																								29
																								30
																								31
								6.139												6.619				

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51·28′ N LONG. 0·19′ W

HOURLY VALUES February 1878.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	30·544	30·550	30·558	30·552	30·546	30·550	30·551	30·552	30·548	30·541	30·529	30·514	30·499
2	·406	·405	·398	·379	·373	·365	·368	·372	·372	·375	·375	·357	·340
3	·360	·358	·358	·359	·356	·361	·368	·372	·374	·380	·382	·376	·376
4	·453	·457	·455	·455	·456	·461	·475	·493	·503	·519	·531	·526	·519
5	·555	·555	·556	·550	·555	·557	·569	·576	·581	·588	·592	·583	·575
6	·565	·563	·549	·535	·537	·533	·541	·551	·552	·551	·561	·549	·544
7	·568	·570	·566	·566	·571	·575	·582	·598	·600	·597	·600	·589	·580
8	·593	·591	·587	·586	·581	·579	·582	·589	·596	·596	·599	·593	·575
9	·461	·450	·414	·394	30·377	30·369	30·358	30·351	30·342	30·315	30·310	30·302	30·273
10	30·065	30·045	30·026	30·009	29·997	29·981	29·969	29·968	29·958	29·949	29·945	29·923	29·909
11	29·883	29·885	29·883	29·884	29·884	29·887	29·896	29·907	29·916	29·927	29·948	29·949	29·940
12	30·079	30·091	30·100	30·113	30·129	30·141	30·159	30·185	30·199	30·212	30·223	30·228	30·220
13	30·076	30·040	30·014	29·966	29·934	29·904	29·897	29·896	29·903	29·911	29·916	29·915	29·914
14	29·909	29·892	29·870	·842	29·818	29·791	29·780	29·775	29·771	29·769	29·773	29·765	29·757
15	29·992	29·991	29·980	29·987	30·009	30·031	30·045	30·053	30·057	30·057	30·055	30·048	30·031
16	30·169	30·176	30·184	30·198	·220	·240	·234	·225	·247	·266	·273	·271	·256
17	·260	30·258	30·251	30·243	30·239	30·230	·225	·219	·213	·204	·192	·177	·166
18	·004	29·996	29·983	29·970	29·961	29·988	·011	·043	·071	·112	·117	·129	·135
19	·351	30·360	30·364	30·370	30·385	30·406	·419	·436	·440	·449	·441	·437	·414
20	·284	·268	·253	·236	·228	·232	·236	·240	·244	·252	·258	·253	·247
21	·420	·437	·450	·468	·482	·498	·516	·546	·556	·568	·566	·566	·557
22	·614	·607	·600	·594	·596	·598	60·2	·603	·608	·606	·601	·593	·583
23	·490	·469	·448	·438	·425	·419	·406	·407	·411	·401	·398	·382	·356
24	·249	·238	·232	·229	·229	·226	·220	·222	·220	·219	·218	·201	·182
25	·143	·136	·124	·117	·108	·109	·109	·108	·107	·108	·105	·099	·083
26	·087	·076	30·075	30·071	30·068	30·074	30·088	30·095	30·104	30·112	30·115	30·110	30·098
27	30·028	30·014	29·998	29·982	29·973	29·956	29·947	29·936	29·930	29·908	29·906	29·888	29·862
28	29·750	29·776	29·793	29·806	29·834	29·856	29·871	29·897	29·900	29·885	29·892	29·891	29·876
29													
30													
31													

DAYS.	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	30·474	30·465	30·451	30·447	30·447	30·446	30·439	30·437	30·429	30·422	30·415	1
2	·340	·359	·338	·340	·346	·349	·352	·356	·362	·363	·366	2
3	·379	·380	·385	·393	·403	·412	·423	·433	·441	·450	·451	3
4	·517	·520	·525	·529	·543	·549	·553	·552	·550	·550	·558	4
5	·564	·563	·553	·561	·564	·569	·565	·564	·564	·567	·569	5
6	·528	·526	·521	·520	·525	·530	·550	·554	·562	·566	·570	6
7	·565	·566	·555	·559	·570	·577	·580	·585	·589	·599	·597	7
8	·546	·533	·520	·519	·518	·518	·515	·510	·497	·488	·479	8
9	30·241	30·226	30·201	30·185	30·177	30·170	30·156	30·146	30·129	30·107	30·089	9
10	29·896	29·885	29·877	29·875	29·871	29·873	29·875	29·880	29·877	29·876	29·882	10
11	29·949	29·952	29·956	29·962	29·980	29·987	30·007	30·019	30·033	30·051	30·065	11
12	30·208	30·204	30·205	30·208	30·207	30·194	30·185	30·168	30·146	30·121	30·099	12
13	29·910	29·908	29·902	29·908	29·917	29·928	29·930	29·922	29·923	29·925	29·917	13
14	29·754	29·769	·799	·821	29·861	29·875	29·903	29·919	29·943	29·961	29·976	14
15	30·018	30·010	29·992	29·992	30·003	30·028	30·054	30·085	30·118	30·102	30·156	15
16	·245	·231	30·239	30·241	·249	·258	·263	·272	·265	·264	·262	16
17	·140	·132	·112	·105	·094	·093	·082	·060	·039	·029	·005	17
18	·133	·149	·168	·191	·225	·247	·272	·288	·297	·312	·335	18
19	·394	·377	·366	·365	·364	·362	·360	·345	·335	·325	·299	19
20	·249	·257	·261	·270	·304	·331	·361	·364	·364	·388	·396	20
21	·552	·550	·561	·575	·597	·594	·598	·598	·604	·610	·613	21
22	·569	·558	·545	·538	·541	·541	·535	·533	·522	·513	·497	22
23	·336	·315	·302	·299	·298	·290	·286	·287	·284	·276	·259	23
24	·173	·165	·154	·158	·163	·166	·164	·166	·158	·154	·148	24
25	·064	·063	·066	·074	·078	·085	·099	·097	·089	·079	·083	25
26	30·084	30·074	30·066	30·063	30·064	30·063	30·063	30·059	30·054	30·048	30·039	26
27	29·840	29·811	29·777	29·748	29·702	29·654	29·621	29·632	29·657	29·698	29·722	27
28	29·867	29·873	29·847	29·846	29·834	29·872	29·887	29·894	29·901	29·895	29·893	28
29												29
30												30
31												31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	33·8	33·6	34·0	34·0	34·0	33·0	32·1	31·2	31·2	33·5	36·1	38·5	39·1	40·1	40·6	39·5	38·1	36·1	34·0	33·0	32·9	32·7	31·7	31·1
2	30·9	30·8	31·6	32·1	33·0	33·1	34·7	36·1	36·9	37·9	39·0	40·3	41·2	41·1	41·9	41·3	41·0	41·0	41·3	41·1	41·0	40·7	40·4	40·3
3	40·2	39·8	39·4	39·0	38·9	39·0	39·0	39·1	39·7	40·3	42·5	43·0	43·0	42·7	43·0	43·1	43·0	42·5	41·8	41·9	42·0	42·0	41·4	41·0
4	40·8	40·3	40·5	40·2	40·0	40·0	40·0	40·4	41·3	40·9	40·3	40·0	40·4	40·0	40·1	40·2	40·1	40·3	40·3	40·7	40·0	40·0	39·7	39·4
5	38·8	38·3	38·1	37·7	37·6	37·3	37·6	37·6	37·8	37·7	38·0	38·2	38·5	38·6	38·8	38·2	37·8	37·2	37·3	37·1	36·7	36·6	36·6	36·0
6	36·1	36·0	36·0	35·0	35·5	35·1	34·9	34·7	35·0	35·3	36·6	37·3	37·8	38·1	38·3	37·5	37·2	34·5	33·7	33·0	31·8	32·7	33·1	33·3
7	33·8	33·9	34·0	34·1	34·0	34·0	34·0	34·0	34·5	35·3	36·0	37·6	38·8	40·2	41·0	40·6	38·6	37·1	34·6	33·5	31·5	30·0	29·0	29·4
8	28·6	27·9	27·2	26·5	26·0	26·4	27·9	27·0	26·5	27·0	28·0	29·1	31·1	32·0	32·1	32·1	32·0	32·0	32·0	32·1	31·9	31·8	31·9	32·0
9	32·0	32·0	32·0	32·1	32·8	33·0	33·5	33·6	33·7	34·1	34·4	34·4	34·5	35·0	35·1	35·5	35·5	35·2	34·8	34·6	34·1	34·3	34·2	34·9
10	35·0	35·2	35·0	35·1	35·5	35·5	35·9	36·0	36·8	38·6	39·8	41·2	41·7	42·1	42·6	42·6	42·1	42·0	41·2	41·1	41·0	40·7	40·7	40·2
11	40·0	39·3	38·8	38·6	38·2	37·7	37·2	37·1	38·0	39·0	41·0	41·8	42·1	42·0	42·4	42·3	42·0	41·1	40·8	40·0	39·8	39·6	38·3	38·7
12	36·3	36·3	36·7	36·4	36·3	36·6	36·5	36·9	37·7	39·9	42·1	44·0	44·1	43·9	42·1	40·1	37·4	35·9	35·9	35·6	36·1	36·9	36·5	36·4
13	36·8	36·0	37·7	38·6	40·6	42·8	44·7	46·0	46·5	47·3	48·1	48·7	49·0	49·0	49·2	49·0	49·7	45·8	46·0	46·3	46·6	46·6	46·1	45·7
14	45·7	45·0	45·1	45·0	45·0	45·8	46·5	48·4	48·7	48·9	49·1	48·7	48·5	48·2	48·2	48·7	47·8	47·0	43·4	42·0	42·6	43·4	43·5	42·0
15	40·5	39·1	38·3	38·3	38·1	37·4	37·1	39·6	41·6	44·0	48·0	48·9	49·6	49·4	49·5	50·1	50·0	50·0	49·9	49·6	49·7	47·6	46·2	45·2
16	44·1	43·0	42·3	41·5	43·7	44·5	44·4	45·0	46·1	47·1	48·5	49·0	51·5	50·6	50·0	49·0	48·1	48·0	48·0	48·0	48·7	48·9	49·2	49·2
17	49·1	49·0	48·5	48·0	47·9	47·9	48·0	48·2	49·7	52·0	53·5	56·1	55·9	57·0	56·9	55·2	53·8	54·1	50·3	50·4	50·0	49·8	49·7	50·6
18	50·3	50·0	50·0	49·7	49·4	49·6	49·4	47·6	47·1	47·3	50·1	51·1	52·6	52·2	52·7	52·1	50·1	48·3	46·1	44·2	43·0	41·9	40·6	40·0
19	38·5	38·7	38·2	37·6	38·0	38·9	39·0	39·1	39·2	39·6	40·8	41·9	44·0	45·8	49·5	47·0	46·9	45·4	45·0	44·0	42·1	42·2	41·1	43·2
20	44·2	44·5	43·6	43·6	43·8	43·7	43·7	43·5	44·0	43·7	43·7	44·2	45·4	46·0	45·5	45·0	44·8	45·0	45·0	45·0	45·1	45·1	45·0	44·3
21	44·0	43·6	42·9	43·0	42·2	40·3	40·0	39·0	41·9	44·0	47·3	49·1	50·9	51·9	51·6	50·6	50·0	49·7	49·1	48·6	48·0	48·2	48·0	48·1
22	47·8	47·5	47·5	47·1	47·0	46·9	46·9	47·0	47·1	47·4	47·9	48·3	48·0	49·2	49·4	48·8	48·7	48·1	47·9	47·9	47·9	47·5	47·8	47·0
23	47·0	47·0	46·9	46·3	46·1	45·9	45·8	45·2	46·5	48·3	48·6	49·1	49·5	49·3	49·0	48·0	48·0	48·0	45·5	43·5	43·8	43·0	43·4	43·3
24	42·7	42·2	42·3	42·1	42·2	42·2	42·3	42·6	44·2	45·0	47·0	48·7	49·3	49·1	48·9	48·6	48·6	47·7	46·9	46·0	45·5	45·2	44·9	44·7
25	44·4	44·1	44·0	43·6	43·1	43·0	43·2	43·8	45·0	47·1	49·2	50·2	51·1	51·2	50·6	50·0	49·3	47·6	45·7	45·0	43·1	42·5	42·1	42·5
26	43·2	45·2	44·7	45·6	45·5	45·6	45·6	46·7	47·1	47·4	49·7	49·0	49·9	50·0	50·6	49·2	48·2	48·0	48·0	47·8	47·5	47·3	46·8	46·2
27	46·0	46·2	46·9	46·4	46·1	45·4	45·0	45·8	46·5	47·4	48·2	49·3	51·3	49·7	50·0	49·0	48·7	49·0	49·3	50·0	50·1	50·1	49·0	49·8
28	49·6	49·2	50·0	49·5	49·5	48·9	48·8	49·0	49·5	50·5	51·6	52·8	53·2	53·9	53·1	52·8	52·6	52·3	52·3	52·9	52·8	52·3	51·7	51·6
29																								
30																								
31																								

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
32·0	31·3	31·9	31·9	31·1	30·8	30·3	29·9	29·8	31·3	33·7	34·6	34·6	35·5	36·0	35·9	35·3	34·7	33·0	32·1	32·1	32·0	31·1	·*	1
·*	30·5	31·0	31·9	·*	·*	33·7	35·0	36·0	37·0	38·0	39·1	39·9	40·0	40·6	40·4	40·1	40·0	40·3	40·2	40·1	39·9	39·2	38·9	2
38·5	37·9	37·4	37·0	36·6	36·6	36·9	37·0	37·6	38·1	39·8	40·3	40·6	40·4	40·6	40·9	41·0	41·0	40·7	41·0	41·1	40·4	40·0	39·4	3
39·2	39·1	39·2	39·0	39·0	39·1	39·2	39·2	39·5	39·4	39·4	38·9	38·9	38·9	38·4	38·4	38·1	38·0	38·2	38·4	38·7	38·6	38·1	38·0	4
37·2	37·0	36·6	36·3	36·3	36·0	36·0	36·1	36·2	36·3	36·1	36·8	36·7	36·5	36·9	36·6	35·9	35·4	35·8	35·4	34·8	34·7	34·3	34·5	5
34·6	34·5	34·4	34·5	34·1	34·0	33·5	33·5	34·0	34·0	35·0	36·0	36·0	36·5	36·5	35·6	34·8	33·7	33·0	32·7	·*	·*	32·5	32·9	6
33·1	33·2	33·2	33·3	33·1	33·0	32·9	32·8	33·0	33·7	34·2	35·2	36·1	37·6	38·0	37·9	37·0	36·0	33·8	32·7	31·0	29·7	·*	29·2	7
28·5	27·3	27·1	26·5	27·5	28·4	27·6	·*	26·4	27·0	28·0	29·0	31·0	31·7	·*	31·9	...	...	·*	...	...	31·8	·*	·*	8
...	...	...	·*	...	...	...	...	33·0	33·1	33·6	34·0	33·7	33·6	33·8	33·9	34·3	34·0	33·3	33·2	33·0	32·6	33·3	33·6	9
34·0	34·5	34·4	34·7	35·0	35·0	35·4	35·9	36·5	38·0	39·2	40·9	41·1	41·5	41·8	42·1	42·2	42·0	41·9	41·0	41·0	40·9	40·3	39·9	10
39·5	39·1	38·4	38·1	37·8	36·8	36·2	36·1	37·0	37·7	38·6	37·7	38·2	38·8	39·2	39·3	39·5	38·7	38·6	38·0	38·0	37·9	37·1	36·0	11
36·0	36·0	36·5	36·0	36·1	36·3	36·0	36·4	36·8	37·6	38·7	40·0	39·4	38·9	37·6	35·5	34·0	33·0	33·0	32·8	33·6	34·2	34·8	35·0	12
35·6	36·0	36·9	38·0	40·0	42·1	44·0	45·4	46·1	46·6	46·5	46·1	46·3	46·7	46·9	46·6	45·7	44·5	44·7	45·0	45·2	45·4	45·3	45·0	13
45·0	44·8	44·9	44·8	44·8	45·1	45·9	47·7	47·9	48·0	48·0	47·8	47·8	47·4	47·0	46·8	45·9	45·0	42·4	41·2	42·0	42·7	42·8	41·7	14
40·2	39·0	38·9	38·5	38·5	38·2	37·0	39·2	41·0	43·6	46·5	47·0	47·8	48·1	48·9	49·0	49·2	49·0	48·9	48·6	47·8	46·4	45·7	44·5	15
43·6	42·6	41·8	41·0	43·1	43·8	43·6	43·9	44·8	45·6	46·0	46·5	47·0	47·8	48·1	47·1	47·0	46·8	46·9	47·0	47·0	47·1	48·0	48·1	16
46·0	47·7	47·2	47·0	46·7	46·7	47·0	47·3	48·0	49·6	50·0	51·0	51·1	52·1	51·8	50·8	49·2	48·0	47·4	47·8	47·1	47·0	47·1	48·0	17
48·0	48·0	48·1	48·2	48·7	48·6	48·1	45·0	45·1	45·2	47·0	46·8	46·3	45·0	46·0	46·1	44·8	43·5	43·0	42·1	41·4	40·8	40·0	39·4	18
38·0	38·3	38·0	37·7	37·9	38·5	38·6	38·9	39·0	39·3	40·0	40·9	43·0	44·0	46·7	45·0	43·9	43·0	42·8	41·8	40·1	40·7	40·0	42·0	19
42·8	43·0	41·8	41·8	42·0	42·0	42·1	42·0	42·4	42·2	42·3	42·8	43·6	44·0	44·0	43·9	43·7	43·8	43·9	44·0	44·0	44·3	44·5	44·1	20
43·5	43·1	42·5	42·6	41·9	40·0	39·2	38·6	40·6	42·5	43·5	44·3	45·3	46·9	47·2	47·1	47·0	47·0	47·0	46·9	46·8	46·4	46·6	46·4	21
46·5	46·5	46·3	46·1	46·0	46·0	46·0	46·1	46·2	46·8	47·0	47·5	47·8	48·0	48·0	47·5	47·5	47·1	47·0	47·0	47·0	46·8	46·4	46·0	22
45·8	45·4	45·1	45·0	44·9	44·9	44·4	44·0	45·0	45·0	44·6	44·5	44·7	44·3	44·3	44·1	43·8	43·3	42·0	41·7	41·3	42·0	42·0	41·6	23
41·4	41·1	41·5	41·2	41·0	41·2	41·1	41·8	43·0	43·2	44·6	45·1	45·1	44·5	44·2	44·0	44·0	44·0	43·9	43·6	43·4	43·1	43·0	43·0	24
43·0	42·9	42·8	42·4	42·0	41·9	42·0	42·3	43·3	44·0	46·0	46·4	47·0	46·8	46·2	45·6	44·0	43·0	42·0	41·1	40·8	41·1	41·0	41·2	25
42·1	40·6	43·3	44·0	44·0	44·0	44·8	45·0	44·4	44·9	46·0	45·0	45·8	46·1	47·0	46·9	46·4	46·1	45·8	45·7	45·6	45·0	44·8	·*	26
44·8	45·0	44·8	44·1	43·5	42·7	43·0	43·6	44·1	45·0	45·8	46·8	47·0	48·2	47·6	47·9	47·9	47·8	48·0	48·8	49·0	49·1	48·1	47·8	27
47·6	47·8	48·0	47·5	47·8	47·0	47·1	47·0	47·8	48·8	50·0	51·0	51·9	52·1	52·0	51·7	51·3	51·0	51·2	51·7	51·3	51·2	50·4	50·1	28
																								29
																								30
																								31

*Record defective or instrument out of action. †Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51·28′ N. LONG: 0·19′ W.

HOURLY VALUES February 1878.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V	DAYS
1	32	8·5	32	10·5	32	7·5	32	8·5	32	7·5	32	5·5	32	5·5	32	4	32	4·5	32	5·5	32	4·5	32	7·5	31	9·5	31	6·5	29	6·5	29	4	29	2	29	2	29	3	29	4	29	4	29	4	29	4	29	4	1
2	23	3	23	4	23	3	23	3	23	3	23	4	23	4	28	5·5	28	6·5	29	5·5	30	12	31	12	30	10·5	30	10·5	31	8·5	30	7·5	30	9·5	30	6·5	30	8·5	30	8·5	30	6·5	30	5·5	30	5·5	30	6·5	2
3	29	7·5	29	6·5	29	8·5	27	8·5	28	6·5	28	4·5	28	7·5	28	7·5	28	7·5	28	9·5	29	11	30	12	32	10·5	32	10·5	31	10·5	32	7·5	32	6·5	32	5·5	32	8·5	32	6·5	32	10·5	1	8·5	1	7·5	1	8·5	3
4	2	7·5	2	4·5	31	5·5	31	6·5	31	6·5	31	4·5	31	5·5	31	5·5	2	9·5	3	9·5	3	2	3	4·5	3	4·3	2	3	4·5	3	7·5	3	7·5	6	6·5	6	4	6	3	6	2	6	3	8	7·5	8	6·5	4
5	8	4	8	8·5	10	7·5	10	5·5	10	6·5	10	5·5	10	3	10	2	10	2	9	6·5	9	8·5	11	8·5	10	7·0	10	4·5	10	7·5	10	5·5	11	6·5	11	5·5	11	4·5	11	5·5	8	9·5	9	7·5	9	9·5	9	8·5	5
6	10	10·5	10	6·5	10	8·5	10	7·5	12	6·5	12	6·5	12	5·5	12	5·5	12	8·5	11	7·5	10	6·5	11	8·5	9	8·9	9	4	9	4	9	3	9	3	9	4	9	4	9	1·5	9	2	9	2	9	2	9	2	6
7	9	1·5	9	2	9	3	32	4	32	5·5	32	3	32	3	32	1·5	32	3	24	4	19	4	24	4·5	3	4·5	3	2·5	4	2·5	3	2·5	4	2·1	4	2·1	6·5	2·1	4	2·1	1·5	2·1	2	2·1	3	2·1	3	7
8	21	1·5	21	1·5	21	1·5	21	1·5	21	2	21	4	21	3	21	4	21	3	21	3	21	3	21	4	21	4·5	21	4·5	21	6·5	21	4·5	21	7·5	21	5·5	21	5·5	21	6·5	21	5·5	21	4·5	19	5·5	8
9	19	4·5	19	3	19	3	19	3	19	3	19	2	13	5·5	10	6·5	13	7·5	13	8·5	16	7·5	17	7·5	18	7·6	18	8·5	19	6·5	19	6·5	17	5·5	17	8·5	17	7·5	17	4	17	4	17	4	17	4	9
10	17	4·5	17	3	17	2	17	1·5	17	2	17	2	17	2	17	1·5	17	3	17	3	17	1·5	17	2	17	2·7	17	3	17	1·5	17	2	17	1·5	17	2	17	3	17	1·5	17	2	17	1·5	17	4	17	4	10
11	17	4·5	17	5·5	17	4	17	4	17	3	6	6·5	6	5·5	6	5·5	6	3	6	2	6	4	6	6·5	4	5·4	4	6·5	4	3	4	3	4	3	4	6·5	7	6·5	7	4·5	7	5·5	7	5·5	7	4·5	7	8·5	11
12	8	8·5	8	8·5	8	8·5	5	5·5	5	9·5	6	7·5	6	5·5	6	5·5	7	8·5	11	12	12	14	13	15	12	11·2	12	9	19	10	15	9	15	10	9·5	9	10·5	9	12	6	18	10	17	10	19	11	17	12
13	11	16	11	14	12	13	12	15	12	16	14	20	15	15	17	12	18	10·5	18	13	19	14	20	10·5	20	11·9	19	10·5	18	11	18	11	18	8·5	18	7·5	19	9·5	17	6·5	17	7·5	17	7·5	15	7·5	13
14	15	4·5	15	4·5	8	6·5	8	11	8	12	8	9·5	10	10·5	15	13	15	15	15	21	15	22	15	19	16	16·7	17	9·5	24	8·5	24	4·5	24	4	24	4	24	5·5	19	4·5	19	7·5	19	6·5	19	7·5	14
15	19	4	19	4	19	3	19	2	19	2	19	4	19	4·5	12	7·5	12	6·5	12	4·5	14	14	15	14	16	15·6	16	15	16	10	17	16	16	16	17	18	19	16	19	10·5	23	11	23	4	19	7·5	19	9·5	15
16	19	5·5	19	8·5	19	6·5	19	12	18	12	19	8·5	16	9·5	17	14	18	8·5	18	10	18	23	17	17	17	16·8	18	17	17	18	18	17	18	17	18	15	18	10·5	18	10·5	18	10·5	18	10·5	18	9·5	18	10·5	16
17	17	15	17	20	17	19	17	15	18	15	17	12	17	12	16	12	17	13	16	14	17	18	16	20	17	16·6	17	16	15	16	11	15	12	15	10·5	15	7·5	17	10·5	17	10·5	17	13	17	14	17	18	17
18	17	15	17	15	18	16	18	14	18	15	20	14	21	12	23	9·5	23	8·5	23	9·5	23	14	20	17	20	10·4	24	17	24	14	20	15	22	10·5	22	8·5	22	8·5	22	7·5	22	4·5	22	5·5	22	4·5	22	4	18
19	22	4	22	4·5	22	4·5	22	5·5	22	4·5	22	4	22	3	22	3	22	3	22	4	22	2	22	4	22	6·2	22	3	16	10·5	16	10·5	18	13	17	9·5	16	11	16	15	15	12	15	13	15	9·5	15	14	19
20	16	14	16	15	16	15	15	14	16	16	16	16	16	16	16	14	16	13	16	12	16	16	17	17	16	10·7	15	18	12	18	12	19	9·5	19	7·5	19	5·5	19	5·5	19	7·5	19	8·5	23	5·5	23	4·5	20
21	23	3	23	3	23	4	23	4·5	23	3	23	3	23	4	23	4	23	5·5	23	6·5	24	9·5	23	7·5	22	8·5	25	9·5	26	12	25	7·5	25	6·5	25	4·5	25	4·5	25	4	25	4·5	25	4	25	3	25	3	21
22	25	2	25	2	25	3	25	2	25	3	25	3	25	3	25	4	25	3	26	2	25	4	25	4	25	4·8	25	3	25	3	25	2	25	2	25	1·5	25	2	25	4	25	4·5	17	4	17	4			22
23	17	5·5	17	1·5	17	1·5	17	1·5	17	2	17	3	17	3	17	3	17	3	19	4·5	22	4·5	24	6·5	24	6·8	24	4	24	4·5	24	4	24	1·5	24	2	24	3	24	2	24	2	24	2	24	1·5			23
24	24	1·5	24	2	24	2	24	2	24	1·5	24	2	24	2	24	4	24	3	25	4	25	5·5	26	9·2	27	7·5	28	6·5	28	6·5	28	4·5	28	4·5	28	4	28	4	28	4	28	4·5	21	4·5					24
25	21	4·5	21	4·5	21	4	21	4·5	21	5·5	21	5·5	21	6·5	21	7·5	21	7·5	23	11	24	10	25	14	24	11·4	27	12	25	14	27	11	24	7·5	24	4	24	9·5	22	8·5	21	10·5	20	6·5	21	10·5			25
26	22	8·5	23	13	22	10·5	22	9·5	21	11	21	9·5	22	10·5	22	12	20	12	22	12	22	14	22	13	22	12·1	21	13	21	15	19	16	20	15	19	15	20	14	20	12	21	10·5	20	12	20	10·5	16	10·5	26
27	18	11	18	13	19	15	18	14	18	14	17	10	17	15	17	15	17	17	17	18	17	20	18	17	18	20·8	20	17	17	17	16	17	15	16	18	16	25	17	25	20	20	23	16	23	11	23	14			27
28	23	15	22	11	22	14	22	9·5	22	12	21	11	21	12	21	9·5	20	10·5	19	13	20	14	20	15	19	20·0	17	20	17	19	19	19	19	19	21	20	17	22	13	21	11	21	10·5	20	10·5	20	15			28
29																																																	29
30																																																		30
31																																																		31

RAINFALL.

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 26 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1								·005	·005																1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9										·005															9
10			·005	·010	·010	·005	·020	·015	·005				·005	·005	·005		·010		·005						10
11		·010	·010																				·010	·025	11
12																									12
13	·025	·015		·050	·015	·020	·010	·010																	13
14			·026	·005	·075	·030	·085	·035	·035	·080	·015	·030	·005	·005											14
15										·010							·010	·015							15
16																									16
17																									17
18					·030	·020																			18
19																									19
20																									20
21										·005															21
22																									22
23																									23
24																									24
25																									25
26																									26
27											·005					·040	·055	·055	·040	·030	·010				27
28										·015			·005	·005	·035	·005		·005						·005	28
29																									29
30																									30
31																									31
	·025	·025	·025	·040	·065	·130	·075	·115	·065	·045	·095	·020	·030	·015	·015	·040	·045	·095	·045	·045	·030	·010	···	·010	·030	
	1	1	2	3	3	4	4	3	3	4	3	2	1	3	3	2	2	3	3	2	1	1	···	1	2	

*Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	·158	·148	·164	·154	·141	·144	·142	·144	·142	·149	·169	·163	·157	·163	·167	·175	·177	·187	·176	·169	·170	·172	·165	*	1
2	·165	·164	·178	*	*	·182	·192	·201	·209	·218	·225	·231	·234	·238	·241	·237	·235	·239	·238	·237	·237	·226	·221		2
3	·215	·207	·203	·199	·193	·192	·197	·198	·203	·206	·216	·221	·226	·226	·226	·231	·234	·239	·241	·247	·247	·233	·231	·223	3
4	·221	·225	·225	·224	·226	·228	·230	·226	·222	·224	·231	·224	·220	·222	·214	·207	·206	·208	·212	·213	·218	·209	·210	·212	4
5	·205	·205	·200	·198	·199	·197	·194	·196	·196	·198	·192	·202	·199	·194	·199	·199	·192	·187	·193	·188	·182	·181	·180	·184	5
6	·185	·184	·182	·185	·182	·183	·175	·178	·184	·181	·186	·197	·192	·198	·196	·188	·187	·184	·182	·182	·184·0	-*	·177	·182	6
7	·180	·181	·180	·181	·178	·176	·174	·172	·170	·176	·179	·180	·185	·198	·197	·199	·203	·199	·185	·176	·166	·159	*	·157	7
8	·154	·149	·145	·157	·120	·138	·125	*	·122	·147	·153	·158	·173	·175	...	...	...	...	*	*	...	...	...	...	8
9	...	...	...	*	...	...	...	·181	·182	·187	·191	·185	·182	·180	·181	·182	·182	·177	·173	·175	·169	·178	·186	·185	9
10	·192	·192	·197	·196	·198	·202	·210	·212	·222	·232	·253	·251	·255	·262	·262	·264	·266	·265	·255	·256	·255	·246	·243		10
11	·237	·236	·228	·224	·222	·204	·202	·201	·208	·212	·206	·186	·192	·204	·207	·209	·216	·209	·210	·207	·209	·209	·207	·204	11
12	·208	·208	·214	·207	·210	·211	·206	·209	·208	·201	·201	·205	·194	·187	·183	·163	·162	·159	·159	·158	·167	·169	·184	·189	12
13	·201	·201	·210	·222	·240	·259	·279	·297	·302	·309	·296	·281	·283	·291	·294	·289	·282	·278	·280	·283	·285	·289	·293	·290	13
14	·294	·296	·294	·294	·292	·303	·322	·324	·323	·321	·321	·324	·317	·307	·297	·286	·276	·259	·249	·260	·266	·267	·260		14
15	·207	·266	·203	·203	·202	·219	·235	·250	·277	·297	·299	·309	·321	·333	·333	·339	·334	·333	·330	·308	·300	·301	·265		15
16	·278	·258	·259	·251	·271	·277	·274	·273	·282	·288	·281	·287	·295	·282	·286	·294	·306	·309	·309	·312	·326	·326	·325	·327	16
17	·321	·315	·308	·309	·303	·303	·309	·315	·312	·325	·316	·337	·320	·329	·323	·318	·304	·298	·297	·300	·288	·288	·292	·303	17
18	·306	·309	·312	·318	·335	·329	·321	·268	·276	·276	·285	·267	·247	·226	·240	·247	·240	·232	·243	·244	·242	·242	·240	·234	18
19	·228	·227	·226	·224	·226	·229	·230	·235	·236	·237	·237	·244	·265	·267	·286	·264	·252	·249	·249	·240	·224	·237	·236	·253	19
20	·250	·259	·240	·244	·246	·247	·249	·250	·252	·251	·254	·257	·262	·265	·268	·268	·275	·273	·275	·275	·281	·266	·277	·280	20
21	·277	·271	·267	·268	·265	·243	·230	·230	·238	·255	·240	·240	·243	·265	·276	·282	·286	·290	·295	·298	·295	·297	·295	·298	21
22	·300	·301	·299	·300	·298	·299	·299	·301	·302	·312	·310	·318	·317	·319	·317	·312	·314	·311	·310	·310	·310	·311	·304	·295	22
23	·293	·284	·278	·283	·284	·286	·276	·273	·281	·261	·246	·244	·244	·238	·241	·238	·239	·255	·250	·240	·249	·251	·252	·246	23
24	·246	·248	·253	·248	·243	·247	·244	·256	·263	·257	·264	·268	·254	·244	·239	·238	·246	·254	·263	·262	·260	·256	·257	·258	24
25	·262	·262	·261	·257	·254	·258	·253	·252	·260	·252	·274	·271	·275	·270	·265	·257	·233	·228	·232	·216	·229	·242	·244	·244	25
26	·258	·264	·264	·269	·268	·269	·269	·275	·274	·258	·246	·265	·246	·261	·264	·296	·298	·295	·286	·283	·285	·285	·277	·281	26
27	·283	·285	·272	·262	·254	·243	·253	·261	·261	·270	·279	·294	·300	·304	·307	·320	·321	·322	·331	·334	·336	·311	·317	·312	27
28	·314	·309	·304	·311	·308	·302	·298	·311	·324	·340	·354	·368	·373	·373	·369	·358	·357	·362	·367	·358	·357	·349	·343		28
29																									29
30																									30
31																									31
						6·674															6·737				

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG. 10°18′ W

HOURLY VALUES March 1878.

BAROMETER.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON
1	29·531	29·491	29·455	29·423	29·421	29·428	29·426	29·427	29·428	29·428	29·420	29·426
2	29·776	29·812	29·836	29·858	29·886	29·922	29·947	29·975	30·009	30·029	30·056	30·076
3	30·244	30·244	30·235	30·229	30·230	30·226	30·224	30·225	·229	·237	·240	·236
4	·248	·243	·230	·212	·205	·214	·209	·220	·218	·212	·206	·201
5	·519	·531	·529	·520	·517	·510	·501	·504	·479	·468	·439	·422
6	·460	·448	·416	·379	·368	·367	·360	·337	·337	·338	·338	·336
7	·401	·403	·387	·375	·381	·387	·387	·385	·392	·398	·391	·382
8	·295	·285	·273	·270	·272	·279	·284	·299	·312	·327	·330	·324
9	·248	·229	·210	·191	·174	·167	·150	·140	·125	·122	·106	·088
10	·048	·072	·077	·094	·113	·135	·158	·174	·197	·222	·243	·254
11	·347	·353	·351	·345	·351	·352	·350	·357	·362	·368	·369	·369
12	·375	·388	·391	·389	·394	·400	·412	·416	·417	·424	·427	·441
13	·455	·448	·442	·440	·448	·447	·451	·463	·473	·484	·479	·482
14	·455	·459	·454	·454	·460	·455	·454	·446	·439	·432	·427	·422
15	·404	·407	·403	·395	·395	·397	·407	·413	·420	·435	·443	·451
16	·561	·569	·567	·565	·576	·585	·597	·609	·615	·625	·628	·635
17	·680	·675	·667	·659	·663	·076	·675	·681	·683	·684	·680	·682
18	·644	·637	·625	·607	·604	·593	·591	·595	·593	·595	·594	·586
19	·513	·512	·500	·486	·481	·481	·484	·490	·494	·498	·502	·499
20	·460	·459	·450	·438	·431	·433	·438	·446	·450	·449	·448	·450
21	·406	·395	- . .	- . .	*	*	- . .	- . .	·376	·376	·373	·369
22	·237	·223	·209	·192	·184	·169	·168	·167	·169	·151	·147	·141
23	30·094	30·086	30·079	30·059	30·059	30·057	30·057	30·063	30·049	30·041	30·034	30·016
24	29·916	29·923	29·918	29·923	29·916	29·922	29·921	29·913	29·906	29·907	29·910	29·912
25	29·972	29·983	29·987	29·988	30·002	30·021	30·039	30·067	30·086	30·097	30·104	30·111
26	30·188	30·185	30·176	30·170	30·173	30·175	30·173	30·178	30·183	30·186	30·179	30·170
27	29·983	29·967	29·942	29·917	29·907	29·908	29·900	29·904	29·902	29·899	29·890	29·875
28	·71*	·690	·662	·637	·611	·594	·585	·574	·554	·545	·530	·504
29	·365	·389	·397	·429	·460	·496	·522	·569	·592	·628	·640	·652
30	·769	·759	·757	·763	·761	·758	·760	·772	·773	·778	·783	·790
31	29·718	29·695	29·669	29·641	29·621	29·602	29·587	29·558	29·534	29·504	29·495	29·467

DAYS.	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·42[illegible]	29·424	29·431	29·442	29·444	29·465	29·528	29·582	29·621	29·667	29·707	29·748
2	30·103	30·117	30·121	30·145	30·163	30·190	30·210	30·229	30·227	30·240	30·245	30·250
3	·238	·234	·228	·234	·224	·233	·236	·242	·250	·267	·266	·257
4	·232	·244	·252	·272	·301	·350	·389	·428	·457	·478	·494	·511
5	·414	·429	·431	·439	·461	·478	·492	·503	·527	·522	·504	·469
6	·332	·320	·298	·312	·331	·347	·367	·383	·386	·381	·382	·392
7	·365	·343	·329	·311	·297	·311	·308	·301	·305	·303	·304	·299
8	·319	·305	·293	30·295	30·297	30·294	30·297	30·285	30·278	·268	·261	·258
9	·050	·035	·007	29·988	29·972	29·963	29·951	29·976	29·993	·014	·032	·046
10	·261	·269	·274	30·289	30·302	30·304	30·317	30·337	30·341	·348	·350	·353
11	·355	·348	·347	·340	·339	·337	·350	·364	·367	·376	·379	·376
12	·442	·429	·426	·422	·427	·434	·438	·455	·463	·458	·457	·460
13	·483	·470	·465	·453	·451	·453	·457	·463	·464	·467	·470	·462
14	·410	·398	·387	·385	·384	·387	·394	·395	·398	·399	·401	·411
15	·440	·450	·448	·450	·456	·474	·485	·497	·507	·536	·543	·557
16	·604	·628	·629	·630	·632	·642	·656	·667	·670	·676	·679	·679
17	·675	·673	·671	·667	·668	·663	·665	·667	·665	·656	·655	·651
18	·576	·566	·555	·545	·536	·542	·540	·538	·536	·529	·527	·523
19	·489	·479	·467	·460	·458	·466	·468	·469	·469	·465	·466	·467
20	·445	·437	·427	·421	·417	·415	·417	·417	·419	·414	·413	·415
21	·360	·350	·340	·326	·318	·302	·294	·288	·286	·277	·261	·249
22	30·130	30·118	30·104	30·087	30·076	30·080	30·083	30·091	30·099	30·098	30·104	30·105
23	29·993	29·968	29·948	29·927	29·906	29·886	29·852	29·844	29·834	29·853	29·882	29·905
24	29·905	29·907	29·897	29·896	29·896	29·909	29·927	29·946	29·953	29·958	29·964	29·973
25	30·118	30·115	30·114	30·124	30·130	30·136	30·142	30·160	30·165	30·168	30·176	30·185
26	30·161	30·145	30·127	30·109	30·095	30·089	30·081	30·061	30·041	30·026	30·016	30·000
27	29·858	29·839	29·825	29·816	29·802	29·792	29·784	29·781	29·771	29·760	29·747	29·732
28	·481	·452	·411	·389	·365	·353	·349	·344	·339	·342	·343	·360
29	·664	·669	·682	·703	·710	·726	·741	·750	·760	·768	·770	·772
30	·794	·793	·796	·798	·799	·801	·799	·796	·794	·780	·762	·740
31	29·431	29·397	29·366	29·335	29·312	29·302	29·284	29·279	29·268	29·278	29·290	29·312

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	53·7	53·7	53·3	54·0	54·9	54·9	54·6	54·6	55·0	53·8	53·7	54·2	55·0	54·5	54·2	54·5	53·6	52·1	49·3	48·9	49·7	49·3	49·2	49·1
2	49·4	48·4	47·7	47·8	47·8	48·9	49·5	49·4	49·7	50·8	51·2	52·5	52·9	53·0	52·9	52·4	52·2	50·7	49·7	49·9	49·6	49·9	50·1	50·1
3	50·4	50·5	50·4	50·3	50·3	50·5	50·6	50·6	51·0	51·5	52·5	53·6	53·8	54·3	53·1	52·5	52·5	52·3	52·6	52·6	52·4	52·4	52·3	52·3
4	52·1	52·1	52·1	52·1	52·1	52·1	51·7	51·4	51·0	51·0	51·2	51·3	49·0	49·4	49·7	48·8	46·8	45·4	45·0	46·3	46·1	46·4	46·3	45·9
5	46·0	46·3	46·3	47·6	46·7	47·1	48·0	47·0	49·2	48·5	48·4	49·3	51·2	52·3	52·2	52·1	52·0	51·9	52·1	52·1	51·9	51·9	51·5	51·5
6	51·4	51·2	51·3	51·4	51·5	51·6	50·8	51·0	51·2	51·4	51·8	52·2	52·2	52·4	52·7	52·4	52·3	51·7	51·6	51·7	51·8	51·6	51·7	51·7
7	51·3	51·4	51·4	51·4	51·3	51·6	51·7	51·8	51·8	52·1	52·2	52·6	52·8	52·6	52·0	52·4	52·3	51·3	50·7	51·1	51·7	51·5	51·6	51·6
8	51·1	51·3	51·1	50·2	49·6	49·6	50·0	49·3	50·0	50·1	51·0	51·0	51·5	52·2	51·9	51·0	51·2	51·5	51·1	50·6	50·3	50·3	50·1	49·7
9	49·8	48·8	49·1	48·6	48·8	47·8	47·6	49·4	50·0	50·6	51·6	50·7	51·4	51·8	52·0	51·7	51·2	50·5	50·2	48·6	48·2	47·5	46·5	46·8
10	46·4	46·9	47·0	47·3	46·7	46·6	46·9	47·4	48·3	48·6	49·0	50·3	49·4	50·3	49·7	50·0	49·0	49·0	49·0	48·4	47·6	47·9	48·2	47·6
11	47·7	46·7	47·4	47·7	47·4	46·5	47·5	48·1	48·7	49·1	49·8	51·3	52·5	53·3	51·7	50·0	50·8	51·3	51·3	51·2	51·1	50·8	50·4	50·3
12	50·7	50·8	50·8	50·4	50·6	50·9	50·3	50·2	50·7	52·1	52·0	51·5	52·1	52·3	52·6	52·6	51·7	51·4	50·5	49·8	49·2	48·7	49·0	48·4
13	48·1	48·6	47·9	48·2	47·9	48·0	47·5	47·5	48·7	49·5	50·9	50·5	50·7	51·0	50·7	51·3	51·4	51·5	50·8	50·7	48·8	48·5	48·0	47·6
14	46·8	46·0	45·0	44·0	43·0	41·3	41·2	42·5	45·5	47·1	48·9	49·6	50·7	50·3	50·6	49·9	49·1	48·4	47·1	46·4	46·3	45·8	45·7	45·1
15	44·7	44·4	44·3	44·0	43·0	43·1	43·2	43·5	44·6	45·4	47·2	48·3	50·0	51·5	52·3	53·0	51·8	49·7	45·6	44·6	42·5	41·4	40·2	41·2
16	40·2	38·9	37·5	37·7	38·7	36·9	37·9	38·1	41·5	45·8	47·7	48·9	50·9	51·7	52·8	51·8	50·0	49·2	47·9	47·0	46·4	45·9	45·9	45·5
17	45·7	45·8	44·0	42·4	40·8	41·7	42·0	42·8	44·7	47·0	50·0	50·9	50·9	51·5	52·0	51·1	50·9	50·4	49·4	49·3	48·9	47·9	49·0	49·8
18	49·4	49·3	49·3	49·5	49·6	49·7	49·8	49·9	50·5	50·8	51·6	50·7	51·5	52·4	51·7	51·9	51·4	50·8	50·4	50·3	50·3	50·1	50·0	49·9
19	49·7	49·4	49·7	49·6	49·5	48·7	48·7	48·8	49·6	50·6	51·3	52·6	53·6	53·7	54·0	52·9	51·0	50·3	49·9	49·4	49·0	48·7	48·3	48·3
20	47·8	47·9	47·6	46·9	47·2	46·8	46·7	47·8	49·2	50·9	52·2	53·6	52·6	53·5	55·9	55·0	53·1	52·2	51·1	50·4	50·6	50·3	49·9	49·3
21	48·7	48·4	49·1	49·2	48·7	47·9	47·6	48·2	49·7	51·9	53·3	53·7	53·3	53·8	53·4	52·8	52·6	51·6	50·7	49·8	48·3	47·0	46·5	46·4
22	46·7	46·8	45·9	45·3	43·6	43·6	43·4	43·4	44·8	46·1	47·4	46·6	47·6	45·5	46·6	47·0	45·5	43·4	42·0	40·2	41·3	41·3	40·5	38·6
23	38·6	37·0	37·0	36·5	37·3	38·5	38·4	38·9	40·8	42·0	42·2	42·8	45·1	43·6	45·4	44·8	45·0	43·1	45·8	44·3	44·7	43·7	42·4	40·6
24	41·2	40·0	40·6	40·5	40·6	38·8	40·6	41·3	43·7	45·2	47·5	44·3	43·7	44·8	44·0	44·9	44·6	41·4	39·0	38·7	39·6	41·4	39·2	40·5
25	39·1	40·2	37·0	38·5	38·0	39·1	38·0	38·6	41·7	41·6	43·7	45·2	45·0	45·9	46·6	46·6	46·3	44·6	44·0	41·6	43·0	42·5	41·6	39·9
26	40·6	42·3	39·4	38·3	38·3	38·3	39·2	38·3	41·5	44·1	47·2	47·5	47·0	48·4	49·0	49·1	49·5	48·4	47·3	46·6	46·7	47·0	46·9	47·4
27	47·4	46·1	45·9	44·7	45·2	44·9	43·0	44·7	46·0	46·2	46·2	49·0	48·4	49·6	47·7	46·9	47·3	46·3	43·7	42·1	42·3	41·8	41·6	43·0
28	42·3	42·0	41·7	41·2	40·0	38·7	38·9	40·8	42·0	45·3	44·0	43·9	44·9	43·1	45·0	44·0	43·8	42·0	36·4	37·4	38·9	38·7	38·7	37·6
29	37·4	37·8	37·8	37·7	37·3	36·3	36·1	36·2	37·9	39·7	41·1	42·0	42·8	44·8	45·0	45·6	46·0	44·9	42·3	41·6	41·7	41·4	41·3	40·8
30	40·1	40·3	40·0	38·8	38·4	38·8	40·0	37·3	39·5	41·4	41·8	42·7	43·8	45·2	44·9	44·7	43·7	43·6	42·4	43·0	43·3	42·5	41·6	41·6
31	42·3	42·8	43·8	43·5	42·9	42·6	43·7	44·2	45·2	47·3	47·8	48·7	49·9	49·3	48·2	47·1	46·7	44·9	45·1	44·2	44·0	40·7	39·7	38·6

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	53·0	53·0	52·8	53·0	53·8	53·8	53·9	53·9	54·0	53·3	53·1	53·4	53·8	53·5	52·9	52·7	52·3	51·6	48·5	47·4	48·2	47·1	46·4	45·1
2	46·7	45·9	45·0	45·4	45·0	45·0	45·3	46·2	47·8	48·7	49·0	49·0	49·3	49·1	49·6	49·5	49·3	48·4	48·3	48·9	48·7	48·7	49·0	49·3
3	49·7	49·8	49·4	49·0	49·0	48·8	48·8	48·4	48·9	48·7	49·3	50·0	50·3	50·6	50·2	50·0	49·8	49·8	49·9	50·0	50·0	50·0	50·0	50·1
4	50·2	50·2	50·3	50·3	50·3	50·3	50·2	50·2	50·2	50·3	50·6	50·6	48·4	48·6	48·6	47·9	45·3	43·4	42·9	42·1	42·2	41·9	42·2	41·3
5	41·6	41·6	42·8	42·7	42·6	43·1	44·1	44·4	45·9	46·4	47·1	48·6	50·2	51·0	51·2	50·9	50·9	50·8	50·8	50·4	50·1	49·3	49·5	49·8
6	49·2	48·7	48·8	49·1	49·3	49·3	49·5	49·9	50·3	50·6	50·9	51·0	51·0	51·0	50·9	50·9	50·7	50·3	50·3	50·3	50·4	50·3	50·1	49·9
7	49·7	50·0	50·0	49·9	49·8	49·7	49·4	49·0	49·6	49·9	50·0	50·4	50·4	†49·6	48·2	48·7	49·0	48·7	48·7	49·0	49·5	49·7	49·9	50·0
8	50·0	49·8	49·6	49·5	48·7	48·5	48·7	48·5	48·6	48·9	49·7	49·8	50·0	50·6	51·0	49·7	50·0	49·1	49·8	49·6	49·3	49·2	49·0	48·3
9	48·4	47·7	48·1	47·8	47·3	46·3	46·4	47·9	48·4	48·3	48·2	47·9	48·9	49·2	50·0	49·8	49·0	49·4	49·3	46·1	44·8	44·2	44·3	44·1
10	43·5	44·0	43·2	43·5	44·0	43·5	43·7	44·2	44·9	45·6	46·5	47·7	46·5	46·9	47·2	47·4	47·0	47·3	46·8	46·8	46·4	46·4	46·8	46·7
11	46·5	45·8	45·3	45·3	44·8	45·0	44·9	44·9	45·5	46·1	45·9	47·1	48·5	50·1	49·3	49·6	50·3	50·6	50·8	50·8	50·7	50·3	50·0	50·0
12	50·4	50·1	50·2	49·8	49·8	49·7	49·6	49·6	49·9	50·9	50·9	50·4	50·9	50·2	50·0	49·5	48·6	48·6	48·3	48·9	48·2	47·9	47·6	47·4
13	47·0	46·4	46·6	46·9	46·3	47·0	46·7	46·4	47·4	47·8	48·5	48·3	48·6	48·9	48·8	49·2	49·0	49·5	49·2	49·3	47·7	47·0	46·7	46·0
14	45·2	44·3	43·1	42·2	40·8	39·6	39·2	40·0	42·7	43·4	45·2	45·5	46·7	46·0	45·6	45·3	45·8	44·7	43·3	42·6	42·7	42·1	42·2	41·5
15	41·4	40·8	40·6	40·5	39·9	40·2	40·3	40·3	41·0	41·4	42·8	43·7	45·3	46·4	47·5	47·7	46·9	45·9	43·5	42·4	40·9	39·6	38·9	39·3
16	38·7	37·7	36·4	36·3	37·2	36·0	36·7	37·0	39·7	42·6	44·0	44·5	45·9	46·3	47·2	46·4	46·0	45·7	45·0	44·9	44·6	44·0	44·0	43·9
17	43·9	43·8	42·7	41·4	39·8	41·0	41·0	42·2	43·0	45·1	47·3	46·2	45·7	47·5	47·0	47·0	47·4	47·7	47·6	47·2	46·5	45·9	46·7	46·6
18	46·6	46·6	46·7	47·3	47·6	47·8	48·0	47·8	48·4	49·1	49·9	49·5	50·1	50·4	50·0	50·1	49·7	49·3	49·0	49·0	49·1	49·1	49·1	48·9
19	48·6	48·3	48·8	48·1	48·2	47·9	47·6	47·7	*	49·1	49·2	49·2	*	48·4	48·3	48·0	48·4	48·0	48·2	48·2	48·0	47·5	47·3	46·5
20	46·3	46·2	46·4	45·7	45·6	45·4	45·6	46·4	47·3	48·6	48·8	49·2	50·9	49·5	49·6	50·4	50·7	49·8	49·3	48·6	48·1	48·1	48·6	48·3
21	47·9	47·6	48·4	48·3	47·7	47·1	46·9	47·6	48·6	50·1	50·0	48·0	49·2	49·6	50·6	48·3	50·1	48·1	47·2	47·3	46·1	45·3	44·9	44·7
22	45·4	45·1	43·9	43·1	41·2	40·1	39·7	39·6	40·4	41·0	42·3	42·8	42·9	41·7	42·6	41·6	40·2	38·7	38·3	37·4	38·6	38·2	36·8	36·9
23	36·2	34·8	35·3	34·7	35·8	37·0	36·6	37·8	38·0	39·4	39·2	39·9	41·0	41·0	42·1	41·0	40·9	41·3	41·9	42·5	42·1	40·8	38·9	37·7
24	38·1	37·5	37·3	37·9	37·4	37·6	37·4	38·3	40·0	40·5	42·3	40·9	40·6	41·5	39·8	39·3	38·3	37·8	37·6	36·5	36·7	37·7	37·0	37·1
25	36·8	37·0	35·9	36·5	36·4	36·9	36·3	37·3	39·0	38·7	38·9	40·5	41·0	40·9	41·4	41·7	41·4	40·4	40·0	39·4	39·1	39·4	39·4	38·2
26	38·8	39·0	38·0	36·8	37·2	37·2	38·1	37·4	40·0	41·2	42·7	42·9	41·6	43·3	43·9	43·6	43·8	43·8	43·6	43·2	43·3	43·7	44·1	43·6
27	44·3	44·4	44·6	43·8	43·8	42·9	41·4	42·7	43·0	43·8	44·0	45·4	44·7	45·0	44·1	43·0	42·7	41·6	40·0	39·0	39·7	39·6	39·8	40·3
28	39·5	39·3	39·2	38·6	37·6	36·7	36·7	37·9	38·9	39·7	40·1	39·9	40·7	39·8	40·1	40·0	40·0	37·8	35·5	36·3	36·9	36·1	36·5	35·4
29	35·0	35·3	35·3	35·0	34·5	33·2	33·0	33·1	34·2	35·4	35·7	36·1	36·6	37·9	37·9	38·7	39·2	38·7	38·0	37·8	37·0	36·6	37·0	37·2
30	37·8	37·8	37·1	36·6	36·2	36·2	36·3	36·0	37·6	39·5	39·6	39·7	40·1	40·9	40·9	40·1	39·7	39·4	39·4	40·0	40·1	40·6	40·0	39·7
31	40·6	40·6	41·1	40·4	41·4	41·5	42·3	42·9	44·2	45·9	45·4	46·2	47·4	46·4	46·1	45·6	45·4	43·2	43·2	42·8	42·8	39·8	38·3	37·0

*Record defective or Instrument out of action. †Reading of Standard. ‡Approximate

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55' N. LONG: 10°18' W.

HOURLY VALUES March 1878.

WIND

DIRECTION IN NUMBERS (8-E, 16-S, 24-W, 32-N) AND VELOCITY IN MILES PER HOUR.

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	17	44	17	47	18	43	19	48	20	46	20	42	21	44	21	43	20	44	19	38	19	40	20	36
2	26	14	27	15	27	9.5	27	10.5	26	10.5	26	12	26	8.5	26	10.5	24	4	24	9.5	25	10.5	24	16
3	20	22	20	21	19	23	18	25	17	27	17	28	17	25	18	30	17	32	18	29	18	36	18	36
4	17	42	17	48	18	46	18	50	18	47	18	48	18	49	17	46	17	44	17	41	17	44	17	46
5	24	24	24	22	24	25	23	25	23	29	23	31	22	34	22	30	22	35	21	39	22	42	22	39
6	24	31	24	32	24	32	23	35	24	32	25	31	25	30	24	30	24	30	25	25	25	34	25	29
7	26	25	25	15	25	20	25	21	25	24	25	27	26	30	26	29	26	25	26	23	25	25	26	26
8	27	26	26	27	27	24	28	19	29	16	27	13	28	13	29	9.5	29	9.5	29	8.5	29	8.5	28	7.5
9	26	10.5	27	7.5	27	8.5	26	10.5	26	3	26	3	26	3	22	12	21	14	21	17	21	27	21	25
10	28	21	28	19	28	20	28	20	29	18	28	19	28	19	28	18	27	20	28	12	27	14	27	16
11	25	17	24	13	25	13	24	16	24	18	24	13	24	11	24	12	24	14	23	15	23	20	23	20
12	25	15	26	14	26	16	26	15	26	12	26	19	25	16	25	11	25	12	24	15	25	16	25	19
13	28	9.5	28	7.5	26	8.5	27	7.5	28	10.5	28	4.5	30	5.5	32	2	32	7.5	32	4	32	9.5	32	5.5
14	13	19	12	22	11	22	11	24	11	16	11	15	10	9.5	10	10.5	10	13	11	11	12	16	13	15
15	11	7.5	10	10.5	10	9.5	9	8.5	11	10.5	10	9.5	10	10.5	10	9.5	9	11	10	15	11	13	12	14
16	10	4.5	10	5.5	10	1.5	10	2	7	1.5	7	1.5	7	1.5	7	1.5	7	1.5	10	5.5	14	9.5	14	10.5
17	11	2	11	4	11	1.5	11	3	3	4	3	1.5	3	1.5	3	2	4	1.5	4	2	4	5.5	22	11
18	25	11	26	9.5	26	10.5	26	13	26	13	26	13	26	11	26	13	26	15	26	12	27	13	28	13
19	28	3	28	3	28	4.5	28	6.5	29	4	29	3	29	1.5	29	1.5	30	1.5	30	1.5	30	1.5	30	2
20	31	1.5	31	1.5	31	1.5	31	4	31	1.5	31	1.5	31	2	10	6.5	11	7.5	16	8.5	20	7.5	18	4.5
21	13	4	13	4.5	13	4	13	2	13	3	13	1.5	13	2	13	2	13	1.5	13	3	30	4	28	8.5
22	31	2	2	14	5	18	5	20	5	20	5	16	5	14	5	12	4	14	3	14	1	12	4	13
23	5	7.5	6	4	9	2	19	2	18	3	1	6.5	1	7.5	7	3	32	5.5	4	6.5	29	12	27	10.5
24	3	18	3	11	1	16	31	14	32	13	1	12	32	14	30	13	31	21	29	19	31	26	29	20
25	32	22	32	20	32	18	32	16	31	16	32	10.5	2	10.5	2	10.5	32	9.5	32	9.5	30	12	30	15
26	30	2	30	6.5	11	4	30	2	4	2	6	1.5	9	1.5	6	2	6	1.5	6	2	19	8.5	21	9.5
27	23	13	26	11	26	10.5	31	7.5	31	4.5	32	7.5	32	5.5	32	4.5	2	7.5	2	5.5	2	7.5	2	11
28	5	15	5	14	6	10.5	3	13	4	13	3	9.5	5	5.5	5	12	3	13	3	11	4	12	3	15
29	4	37	3	35	4	41	4	38	4	39	3	38	3	39	3	35	3	39	3	35	3	38	3	40
30	32	16	1	18	32	22	31	20	1	17	32	23	32	24	32	26	32	26	32	23	2	25	31	19
31	29	9.5	29	7.5	27	13	26	11	26	7.5	25	8.5	24	3	24	4	24	10.5	24	11	25	15	24	14

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt D	Midt V
1	20	39	21	38	21	36	21	36	21	34	28	20	30	14	28	11	27	15	27	16	27	17	26	13
2	24	19	23	16	23	16	23	15	23	16	23	11	23	9.5	22	8.5	22	10.5	21	14	20	17	20	20
3	19	38	18	38	18	40	18	44	18	44	17	40	18	41	17	39	17	39	17	38	17	40	17	43
4	27	24	23	6.5	21	13	22	20	26	27	26	24	25	21	25	25	27	20	26	22	25	22	24	20
5	23	40	23	34	23	32	24	25	25	26	25	21	25	21	25	21	25	20	25	20	24	24	23	33
6	26	31	26	32	26	32	27	35	27	30	28	24	27	26	27	23	27	27	27	27	26	30	26	25
7	26	28	25	26	26	26	26	27	25	30	26	23	25	27	25	23	26	27	27	23	26	20	26	24
8	27	7.5	25	9.5	26	13	27	15	27	12	26	13	26	14	26	10.5	26	4	26	10.5	26	7.5	26	6.5
9	21	27	21	22	21	21	21	24	22	20	22	20	23	26	27	27	28	20	27	20	27	21	28	20
10	28	15	27	12	26	14	26	13	26	12	24	10.5	25	10.5	25	10.5	27	11	24	13	23	13	25	10.5
11	22	23	22	26	22	24	22	23	23	21	23	23	24	16	24	16	24	17	25	14	26	17	25	11
12	25	19	25	17	26	15	26	14	27	14	28	10.5	27	9.5	28	4.5	28	9.5	26	8.5	27	9.5	28	12
13	32	7.5	32	7.5	32	9.5	32	4	32	4.5	32	2	32	1.5	12	15	13	18	14	16	13	14	13	19
14	14	21	14	26	14	22	14	20	14	18	15	18	13	14	13	9.5	12	11	12	13	12	13	12	13
15	12	14	14	10.5	14	12	14	10.5	14	14	14	10.5	14	8.5	14	12	12	8.5	8	4.5	9	4.5	10	7.5
16	14	9.5	16	11	16	10.5	14	9.5	14	7.5	14	7.5	14	7.5	13	9.5	13	7.5	11	4.5	11	8.5	11	2
17	22	11	22	12	24	11	25	11	26	9.5	26	9.5	26	7.5	26	4.5	26	7.5	26	9.5	26	11	26	12
18	27	13	27	18	27	13	27	16	28	11	28	10.5	28	8.5	29	8.5	28	6.5	28	8.5	28	5.5	28	4
19	30	4	2	3	31	3	26	8.5	25	10.5	28	9.5	29	7.5	30	7.5	31	4	31	2	31	1.5	31	1.5
20	14	7.5	18	10.5	17	10.5	15	13	19	10.5	16	6.5	16	1.5	14	4.5	14	7.5	18	8.5	16	6.5	13	5.5
21	28	9.5	28	11	30	10.5	29	11	30	9.5	31	10.5	31	6.5	31	4.5	31	4	31	4	31	2	31	1.5
22	3	16	1	19	1	13	2	15	2	22	2	20	2	17	2	9.5	5	10.5	5	14	2	11	4	6.5
23	28	13	29	15	30	19	27	14	27	25	29	14	27	26	28	22	32	25	1	25	3	26	3	21
24	31	25	32	19	32	22	31	27	32	26	32	26	31	21	32	22	31	24	32	18	1	24	31	20
25	30	8.5	30	14	30	12	28	16	29	11	29	9.5	32	8.5	1	7.5	1	4	1	3	1	3	3	1.5
26	23	10.5	21	11	20	11	21	13	21	8.5	21	9.5	20	9.5	19	10.5	20	12	20	17	21	12	22	16
27	1	16	1	20	1	22	1	21	1	20	2	17	3	14	3	12	2	11	5	5.5	5	4.5	5	15
28	1	13	31	9.5	30	11	31	16	1	13	32	19	30	12	32	5.5	4	18	5	20	5	24	4	29
29	3	38	2	35	1	36	1	31	1	28	32	24	32	20	1	28	2	26	2	24	1	20	1	20
30	30	21	30	20	31	23	31	23	30	19	30	17	31	13	31	11	30	8.5	27	7.5	27	9.5	27	7.5
31	25	14	29	12	29	8.5	30	5.5	30	5.5	27	10.5	27	9.5	28	3	27	6.5	1	17	3	16	1	12

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 11 FEET }

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1	.147	.068	.077	.030							.069	.045	.017	.010		.002	.002	.002	.020	.002		.010	.008	.002
2																								
3																								
4							.005	.005	.020	.022	.010	.021	.030	.025	.050	.028	.072	.030	.040					
5			.010	.005					.005	.015	.067	.053	.007	.003	.003	.004		.003	.001	.001	.001			
6							.002													.002	.002	.001		
7																								
8	.005				.005			.015																
9	.003	.002	.010	.005	.005	.005									.002	.002	.002	.019	.050	.025			.020	.005
10	.002	.005				.002					.005	.005					.005	.003					.004	.008
11	.023	.003	.005	.005	.002	.002	.008	.002									.010				.005	.005	.005	.003
12	.020	.002	.030	.003	.010	.003																.007	.002	.002
13	.001																							
14																								
15																								
16																								
17																								
18												.020	.005											
19																								
20																								
21																								
22																								
23													.002	.013				.005	.005	.005	.025			
24					.005	.013	.010		.020	.002								.010	.008	.010	.002		.005	
25	.010		.022	.003	.020	.013		.005			.005													
26																								
27	.035	.052	.038	.002					.005	.015														
28																								
29																								
30	.030					.020		.030	.010	.005														.030
31	.012			.003	.003	.010	.017	.040	.017	.013					.010	.020	.022	.088						
T	.288	.132	.192	.056	.050	.068	.042	.097	.077	.072	.156	.144	.061	.051	.065	.056	.113	.160	.124	.045	.035	.023	.044	.050
6	10	5*	7	7	6	7	4	5	6	5	5	5	4	4	3	4	5	4	5	4	3	3	5	5

* Record defective or Instrument out of action. ‡ Obtained from reading of Standard. ⁎ Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	.393	.393	.392	.388	.398	.398	.406	.403	.403	.400	.396	.397	.397	.396	.382	.374	.374	.376	.331	.309	.318	.296	.283	.256
2	.287	.279	.267	.274	.265	.256	.256	.276	.308	.318	.320	.305	.307	.301	.314	.318	.316	.312	.321	.333	.332	.328	.333	.341
3	.348	.350	.340	.331	.331	.324	.322	.311	.321	.310	.312	.315	.320	.322	.326	.329	.324	.326	.325	.327	.330	.330	.331	.334
4	.339	.339	.342	.342	.342	.342	.344	.348	.353	.356	.361	.360	.332	.332	.328	.322	.284	.258	.251	.224	.228	.219	.226	.213
5	.218	.215	.237	.222	.228	.234	.245	.262	.272	.290	.307	.334	.350	.357	.363	.357	.358	.357	.355	.344	.339	.319	.330	.337
6	.323	.313	.314	.321	.325	.323	.338	.346	.353	.359	.361	.358	.358	.355	.349	.353	.349	.347	.348	.347	.348	.348	.342	.337
7	.337	.343	.343	.341	.339	.333	.324	.313	.328	.332	.332	.337	.335	†.318	.297	.299	.307	.312	.319	.322	.328	.335	.338	.340
8	.347	.339	.337	.346	.332	.327	.327	.331	.324	.331	.341	.343	.342	.348	.362	.341	.345	.320	.342	.343	.339	.336	.333	.321
9	.322	.317	.324	.322	.307	.295	.300	.315	.319	.310	.297	.300	.316	.318	.335	.334	.320	.339	.340	.282	.257	.252	.266	.257
10	.250	.254	.237	.240	.257	.243	.248	.253	.259	.271	.287	.299	.283	.281	.295	.295	.298	.305	.294	.300	.300	.296	.302	.308
11	.301	.297	.277	.274	.266	.281	.267	.260	.268	.277	.265	.275	.294	.321	.322	.350	.359	.360	.365	.366	.365	.359	.356	.357
12	.362	.354	.356	.351	.348	.342	.346	.348	.350	.357	.358	.352	.357	.336	.327	.316	.305	.308	.312	.335	.324	.324	.312	.315
13	.308	.289	.300	.305	.293	.309	.309	.302	.311	.311	.312	.312	.316	.321	.321	.324	.318	.330	.330	.334	.317	.304	.302	.290
14	.282	.272	.255	.248	.230	.224	.217	.220	.243	.240	.260	.261	.273	.262	.251	.252	.271	.254	.238	.232	.235	.229	.231	.223
15	.225	.216	.213	.215	.213	.218	.219	.216	.218	.219	.227	.235	.251	.259	.274	.271	.266	.266	.259	.245	.238	.223	.222	.219
16	.218	.213	.203	.198	.206	.201	.204	.207	.225	.238	.246	.246	.254	.255	.263	.256	.265	.268	.264	.273	.273	.266	.266	.268
17	.266	.263	.259	.249	.233	.249	.245	.261	.257	.277	.293	.260	.250	.283	.266	.275	.286	.298	.307	.299	.288	.284	.291	.280
18	.285	.286	.288	.299	.305	.308	.312	.305	.314	.328	.338	.340	.345	.340	.339	.339	.336	.333	.330	.331	.334	.336	.337	.333
19	.328	.325	.333	.317	.321	.324	.316	.320	⁎	.330	.324	.308	⁎	.278	.273	.278	.309	.306	.315	.322	.322	.314	.313	.294
20	.295	.291	.300	.292	.286	.287	.293	.298	.303	.314	.303	.297	.327	.305	.288	.311	.339	.327	.330	.320	.305	.307	.325	.326
21	.324	.320	.331	.327	.319	.313	.313	.322	.328	.339	.318	.270	.300	.303	.332	.286	.330	.294	.284	.295	.284	.282	.279	.275
22	.288	.279	.264	.252	.232	.211	.206	.204	.206	.206	.216	.233	.226	.224	.229	.207	.197	.188	.195	.194	.206	.199	.182	.201
23	.189	.179	.187	.183	.193	.204	.197	.215	.199	.214	.209	.215	.213	.228	.232	.216	.212	.239	.225	.251	.236	.223	.201	.196
24	.198	.198	.189	.200	.191	.212	.191	.200	.208	.205	.216	.219	.223	.226	.202	.187	.173	.191	‡.210	.193	.188	.189	.197	.187
25	.194	.187	.198	.195	.197	.196	.195	.209	.209	.205	.189	.205	.213	.206	.208	.213	.211	.206	.205	.218	.199	.209	.218	.212
26	.215	.204	.214	.201	.209	.209	.218	.213	.230	.227	.225	.227	.207	.227	.233	.227	.227	.236	.242	.241	.242	.247	.256	.241
27	.256	.273	.279	.275	.269	.252	.242	.251	.244	.259	.263	.263	.252	.249	.248	.234	.225	.215	.208	.206	.217	.220	.225	.221
28	.213	.212	.213	.206	.200	.197	.195	.197	.205	.207	.207	.204	.210	.210	.199	.205	.207	.187	.198	.202	.198	.186	.193	.184
29	.178	.180	.180	.176	.171	.158	.157	.158	.161	.165	.159	.161	.162	.167	.165	.173	.177	.178	.187	.190	.176	.172	.178	.185
30	.202	.200	.191	.194	.190	.187	.177	.197	.205	.221	.220	.213	.209	.211	.213	.201	.203	.199	.210	.215	.214	.232	.229	.224
31	.234	.228	.228	.218	.243	.249	.254	.261	.278	.292	.274	.283	.296	.281	.285	.288	.288	.258	.256	.259	.261	.235	.216	.203

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG. 6°39′ W

HOURLY VALUES March 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·346	29·327	29·310	29·275	29·227	29·191	29·150	29·126	29·126	29·132	29·143	29·140	29·122	29·115	29·121	29·132	29·156	29·185	29·206	29·238	29·264	29·305	29·342	29·379
2	·414	·450	·479	·507	·535	·572	·603	·632	29·655	29·682	29·707	29·743	29·766	·778	·790	·811	·842	·870	29·895	29·908	29·918	29·932	29·940	29·956
3	29·961	29·966	29·973	29·970	29·963	·967	·976	·994	30·005	30·023	30·018	30·021	30·008	·991	·980	·982	·984	·992	30·001	30·000	30·006	30·031	30·030	30·025
4	30·024	30·020	30·016	30·008	30·007	29·999	29·988	29·975	29·977	29·970	29·968	29·953	29·936	·927	·924	·932	·949	·949	29·943	29·981	30·024	30·052	30·058	30·082
5	30·092	30·091	30·103	30·092	30·081	30·076	30·076	30·083	30·074	30·065	30·056	30·028	·984	·943	·922	·924	·957	·968	·989	·981	29·980	29·989	29·964	29·951
6	29·920	29·873	29·829	29·801	29·770	29·756	29·727	29·707	29·683	29·683	29·687	29·689	·705	·747	·789	·805	·810	·815	·835	·859	·860	·889	·906	·902
7	·912	·895	·884	·868	·874	·872	·870	·859	·871	·872	·857	·839	·809	·788	·764	·729	·715	·702	·702	·719	·748	29·783	29·803	29·819
8	·828	·847	·855	·853	·865	·875	·875	·908	·929	·942	·946	·954	·947	·941	·943	·956	·965	·977	·991	·996	·997	30·001	30·000	30·001
9	·997	·988	·972	·951	·939	·930	·921	·911	·897	·888	·865	·838	·804	·781	·747	·724	·697	·678	·656	·645	·629	29·623	29·635	29·642
10	·653	·668	·682	·705	·719	·734	·757	·782	·808	·827	·849	·866	·871	·868	·883	·887	·896	·918	·932	·940	·941	·957	·966	·957
11	·956	29·955	29·956	29·952	29·950	29·952	29·953	29·949	29·950	29·950	29·957	29·958	29·945	29·933	29·940	29·940	29·940	29·942	29·935	29·930	29·929	29·933	29·932	29·939
12	29·986	30·004	30·021	30·037	30·061	30·077	30·094	30·106	30·122	30·146	30·149	30·155	30·156	30·147	30·150	30·149	30·156	30·160	30·171	30·172	30·181	30·197	30·199	30·205
13	30·209	·217	·221	·217	·225	·230	·251	·268	·284	·294	·315	·326	·326	·324	·326	·324	·332	·337	·349	·351	·362	·363	·359	·366
14	·364	·357	·345	·336	·334	·332	·330	·319	·319	·312	·298	·286	·269	·252	·234	·226	·224	·220	·225	·228	·226	·218	·230	·235
15	·242	·245	·241	·240	·248	·255	·264	·280	·289	·298	·307	·311	·313	·312	·315	·319	·333	·345	·360	·374	·389	·397	·404	·412
16	·425	·434	·432	·430	·437	·448	·453	·462	·468	·477	·475	·476	·467	·459	·452	·455	·454	·454	·456	·457	·457	·453	·449	·447
17	·436	·433	·421	·421	·419	·416	·411	·405	·407	·401	·388	·386	·380	·369	·357	·346	·344	·333	·334	·333	·330	·312	·315	·302
18	·296	·288	·272	·250	·252	·244	·239	·248	·246	·243	·248	·242	·233	·222	·219	·214	·213	·212	·222	·223	·221	·220	·218	·220
19	·203	·214	·207	·200	·198	·199	·198	·209	·218	·224	·222	·225	·221	·214	·210	·201	·209	·211	·218	·220	·225	·227	·233	·234
20	·230	·226	·217	·210	·208	·208	·209	·211	·217	·219	·218	·213	·211	·202	·196	·188	·184	·185	·185	·188	·189	·177	·174	·165
21	·157	·154	30·147	30·122	30·108	30·099	30·095	30·100	30·097	30·097	30·074	30·063	30·063	30·056	30·059	30·058	30·057	30·064	30·066	30·064	30·060	30·057	30·045	30·039
22	30·018	30·004	29·982	29·971	29·964	29·940	29·949	29·951	29·936	29·927	29·917	29·910	29·889	29·871	29·854	29·846	29·831	29·837	29·829	29·836	29·837	29·830	29·823	29·807
23	29·796	29·787	·762	·749	·731	·710	·698	·689	·676	·663	·647	·626	·600	·579	·556	·556	·552	·554	·554	·570	·590	·600	·607	·608
24	·614	·612	·596	·578	·574	·548	·533	·504	·530	·528	·530	·517	·501	·497	·499	·480	·471	·486	·490	·501	·522	·547	·559	·577
25	·600	·615	·627	·645	·658	·690	·722	·740	·756	·769	·780	·787	·795	·799	·800	·806	·811	·832	·847	·854	·870	·879	·878	·894
26	·904	·905	·905	·909	·908	·910	·913	·914	·917	·920	·909	·898	·872	·853	·826	·799	·772	·753	·731	·700	·687	·664	·651	·648
27	·649	·653	·653	·641	·632	·631	·646	·639	·645	·653	·653	·649	·644	·636	·628	·618	·610	·604	·602	·603	·594	·577	·571	·556
28	·533	·512	·486	·471	·444	·436	·419	·411	·394	·370	·357	·326	·308	·282	·261	·250	·244	·251	·263	·292	·307	·320	·337	·358
29	·376	·387	·398	·404	·415	·436	·454	·473	·482	·487	·485	·482	·470	·456	·453	·455	·458	·466	·478	·484	·489	·487	·478	·460
30	·431	·429	·414	·402	·399	·403	·421	·433	·438	·456	·459	·463	·468	·459	·459	·454	·459	·459	·462	·463	·456	·448	·435	·414
31	29·404	29·372	29·337	29·314	29·285	29·257	29·236	29·211	29·188	29·157	29·151	29·144	29·155	29·139	29·128	29·120	29·103	29·094	29·085	29·072	29·062	29·053	29·040	29·032

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	49·7	49·8	49·7	49·1	49·0	49·2	49·0	48·6	49·0	50·0	50·6	51·0	51·0	51·1	51·0	50·5	49·7	49·1	48·6	48·4	48·0	47·0	46·0	45·9
2	45·9	44·9	45·1	44·9	45·1	44·8	44·9	45·0	45·9	47·6	49·8	49·2	51·0	51·5	52·0	51·7	50·6	48·9	47·1	48·2	47·2	46·0	47·0	46·0
3	46·0	46·2	46·7	46·8	47·0	46·9	47·5	47·7	47·9	48·4	49·0	49·2	50·4	51·3	52·0	52·0	51·5	51·0	51·0	50·7	50·5	50·3	50·1	50·1
4	49·8	49·7	49·9	49·8	49·9	49·2	49·3	49·3	49·6	50·2	50·1	50·1	50·5	50·2	50·3	47·9	47·2	47·0	46·8	45·8	43·2	42·3	41·5	40·9
5	39·9	39·9	40·2	40·2	40·2	40·6	40·9	42·3	43·6	44·9	46·1	47·2	47·0	46·3	47·5	49·0	49·3	48·9	48·0	48·4	49·0	49·6	49·1	49·7
6	50·1	50·2	49·9	49·3	49·1	49·4	49·6	50·2	51·1	51·0	50·7	51·6	50·4	50·8	49·7	49·5	49·0	48·3	47·9	47·7	47·3	47·1	47·0	45·9
7	45·4	46·7	48·0	49·0	49·0	49·2	49·7	49·9	50·0	49·6	50·5	50·8	51·2	50·9	50·9	51·0	50·6	49·8	49·0	48·9	47·4	46·2	44·9	43·1
8	42·9	42·9	42·9	42·1	42·4	41·3	40·4	41·1	42·6	45·5	46·4	46·9	48·1	49·3	48·3	48·0	45·0	43·2	42·9	43·0	42·9	42·1	47·1	41·9
9	41·4	41·2	41·0	40·6	40·9	41·3	41·9	41·9	42·4	42·7	42·9	44·7	44·6	45·2	46·0	47·0	47·9	47·2	47·0	46·9	46·6	46·0	45·3	44·6
10	43·2	42·3	42·7	41·2	41·1	40·9	41·0	41·8	43·9	46·3	48·2	48·7	49·7	50·4	50·0	49·4	49·3	48·4	47·9	47·6	47·4	47·4	46·9	46·9
11	46·0	46·5	45·6	45·3	45·6	45·3	45·0	45·5	46·6	49·0	48·6	49·9	50·1	50·4	49·9	47·9	47·3	47·7	47·6	47·9	48·0	48·7	49·3	49·2
12	43·7	43·0	42·1	41·9	41·7	41·5	41·3	41·9	42·4	42·4	43·9	45·0	45·9	46·0	45·6	44·1	43·7	43·6	43·2	42·7	42·0	41·7	41·2	41·2
13	41·0	40·1	39·8	39·5	38·1	37·0	36·2	36·5	38·8	41·6	42·1	42·9	44·9	44·3	43·9	44·1	43·0	41·8	40·3	38·7	35·1	34·9	33·4	34·3
14	32·6	32·7	31·9	31·7	31·9	31·8	31·0	33·7	33·9	38·0	43·6	45·8	47·3	48·0	48·0	47·7	46·4	45·3	44·0	43·0	42·9	41·4	38·7	38·9
15	37·9	36·5	36·0	36·0	34·1	33·7	32·1	32·7	34·7	41·0	45·0	45·9	47·3	47·4	47·7	47·2	46·9	45·0	43·1	40·9	38·7	37·2	35·6	35·0
16	35·4	34·1	33·2	32·8	32·6	31·7	31·9	32·1	33·1	36·1	40·1	43·4	45·9	46·9	48·2	46·3	45·2	44·6	44·0	43·3	43·1	42·9	42·6	42·5
17	42·4	41·4	39·9	38·6	38·0	38·9	39·7	41·2	42·9	45·8	48·1	49·5	49·6	49·0	48·4	49·0	49·1	48·8	47·4	47·3	47·0	46·6	46·7	46·9
18	47·0	47·0	47·1	47·1	47·3	47·1	47·1	47·3	49·0	50·1	51·2	51·4	51·3	50·9	51·0	51·7	50·8	50·0	49·9	49·4	47·9	46·2	44·8	44·1
19	44·7	44·9	44·7	45·3	46·0	45·9	45·8	46·6	47·7	48·2	49·2	49·1	49·9	49·6	49·4	49·2	48·7	48·3	47·7	47·2	46·4	46·4	46·0	45·9
20	45·3	45·2	45·0	45·0	45·0	44·9	44·8	45·5	46·5	47·6	50·0	51·0	50·6	51·0	51·2	51·9	50·7	49·9	48·3	47·7	46·8	46·9	46·3	45·7
21	45·3	44·7	42·9	43·8	43·8	42·6	42·8	44·0	47·0	50·4	52·1	53·1	52·1	52·0	46·9	46·2	46·7	43·7	42·3	41·7	40·2	40·9	40·2	37·3
22	38·7	39·1	39·7	38·6	37·9	37·4	35·7	36·7	38·6	38·0	35·4	38·8	40·1	41·1	42·0	37·0	39·2	34·3	34·5	33·5	33·1	33·3	32·7	32·6
23	32·8	31·8	33·4	33·4	33·0	32·1	33·0	35·3	36·0	37·1	39·6	40·9	41·4	41·4	41·7	36·5	34·0	34·1	35·1	34·0	34·3	33·9	34·0	33·5
24	34·4	34·5	33·6	34·1	32·9	33·0	33·6	34·0	33·3	35·0	35·8	38·2	40·6	37·9	35·6	40·2	40·0	36·9	36·4	35·9	36·5	36·0	36·0	35·9
25	36·0	35·9	35·6	35·3	34·0	34·1	33·3	34·1	38·9	39·0	41·9	41·5	42·9	41·8	41·6	40·9	40·7	39·2	37·2	35·8	34·9	33·9	33·7	33·4
26	32·5	31·9	32·5	31·4	31·2	31·9	31·3	33·3	37·3	40·8	43·1	45·2	45·6	45·9	45·8	46·8	46·0	44·7	43·2	42·8	41·3	40·4	40·2	40·3
27	40·5	38·9	37·0	35·3	34·2	34·1	35·1	36·6	38·0	40·2	41·0	42·6	42·1	43·7	43·7	43·3	42·0	41·1	38·9	37·5	37·0	36·8	35·1	34·3
28	33·5	32·9	32·4	31·4	31·5	30·6	31·9	32·2	33·6	36·9	36·9	36·2	34·9	34·0	36·0	36·7	36·7	36·9	34·2	33·3	32·2	32·1	32·5	32·1
29	31·7	31·9	31·7	31·9	32·0	32·0	32·9	33·2	35·7	37·7	40·0	40·7	42·0	42·7	42·3	41·3	40·9	39·2	36·9	34·5	33·8	33·0	32·9	32·2
30	32·6	32·4	32·6	33·1	33·0	32·9	32·6	34·4	37·7	38·3	38·5	40·2	40·7	38·4	39·2	39·9	39·0	38·2	37·6	36·2	35·7	35·5	35·4	35·2
31	35·3	34·4	34·0	35·0	35·2	35·5	35·8	36·4	37·7	39·5	38·2	37·4	35·6	35·8	36·3	37·0	37·1	36·5	34·3	31·2	32·4	31·5	31·9	31·4

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	47·8	47·9	47·8	48·0	48·2	48·5	48·6	48·2	48·8	49·7	50·1	50·6	50·5	50·9	50·6	50·0	49·0	48·6	48·0	47·9	47·3	46·2	45·0	44·9
2	45·1	44·0	44·4	44·1	44·0	43·9	43·9	44·0	44·6	45·5	47·0	46·0	46·8	46·5	47·0	46·9	47·4	46·6	45·3	46·3	45·9	44·8	45·4	44·9
3	45·0	45·2	45·7	45·7	45·6	45·5	46·1	46·2	46·2	46·6	46·6	46·9	47·8	48·0	48·2	48·6	48·5	47·9	48·0	47·9	47·5	47·3	47·2	47·1
4	46·9	47·0	46·9	47·0	47·1	46·9	47·1	47·0	47·5	47·8	48·1	48·2	49·0	49·5	49·6	47·2	46·7	46·3	45·8	44·9	42·0	41·2	40·3	39·2
5	38·3	38·0	38·3	38·7	38·8	38·9	39·1	40·2	41·2	42·5	43·3	44·8	45·1	45·0	46·3	48·0	47·5	47·0	46·1	46·7	47·7	47·9	48·2	48·6
6	48·5	48·4	48·0	47·9	47·9	48·3	48·6	48·0	48·0	47·9	48·0	48·1	47·6	47·0	46·7	46·3	45·9	45·0	45·0	44·9	44·4	44·4	43·9	43·3
7	43·2	45·2	47·1	47·9	48·1	48·2	48·3	48·4	48·2	48·2	48·0	48·1	48·5	48·0	48·0	47·9	47·9	47·9	47·9	47·1	44·2	43·0	41·9	40·4
8	40·2	39·6	39·1	38·7	38·1	38·0	38·2	38·7	39·8	41·7	42·0	40·6	43·1	42·2	41·4	41·8	40·9	40·2	39·9	40·0	40·2	40·2	40·2	40·2
9	40·0	40·0	39·4	39·0	39·1	39·3	39·6	39·9	40·8	41·6	41·9	43·2	43·8	44·3	45·1	45·9	46·6	45·9	45·5	45·6	45·3	45·4	44·7	43·7
10	41·9	41·2	41·5	40·3	40·0	39·7	39·5	40·0	41·8	43·5	44·5	44·6	45·4	46·0	46·1	46·5	46·6	46·0	45·6	45·3	45·2	45·1	45·0	45·0
11	44·6	45·0	44·1	44·0	44·2	43·9	43·6	44·0	44·5	45·9	45·6	46·1	46·2	45·9	46·2	46·0	46·7	46·9	47·1	47·6	47·9	48·3	48·8	48·9
12	43·2	42·7	41·9	41·5	41·0	40·9	40·9	41·0	40·9	40·0	40·8	41·5	41·8	41·9	42·0	41·6	41·8	42·1	41·9	41·2	40·0	39·6	38·9	39·1
13	38·7	37·9	37·6	37·8	36·7	35·7	35·0	35·7	37·2	39·3	39·2	38·9	40·2	39·7	39·2	39·1	38·5	37·9	36·0	35·5	33·8	33·2	32·0	32·8
14	31·4	31·4	31·0	30·8	31·0	30·9	30·0	32·7	32·9	36·6	39·3	41·0	42·1	42·7	42·9	42·5	41·9	42·0	40·9	40·4	40·4	39·3	37·8	37·7
15	37·0	35·9	35·3	35·7	33·4	33·0	31·7	32·0	33·9	39·7	41·1	41·9	42·4	42·9	42·2	42·3	42·6	41·2	40·0	38·9	37·2	36·3	34·9	34·1
16	34·8	33·3	32·3	32·0	31·9	31·0	31·2	31·2	32·3	34·9	38·5	40·7	40·9	41·0	43·2	42·7	42·0	41·7	41·0	40·4	40·3	39·9	39·9	40·0
17	39·9	39·2	38·0	37·1	36·4	37·1	38·0	39·7	41·2	43·1	45·1	45·9	45·7	46·1	46·1	46·7	47·0	47·0	46·5	46·6	46·3	46·0	46·0	46·1
18	46·3	46·1	46·3	46·7	46·8	46·6	46·5	46·8	47·5	47·9	47·9	47·8	48·1	47·1	47·7	47·9	47·0	46·9	46·9	46·8	46·0	45·0	43·9	43·3
19	43·9	44·1	43·6	43·8	44·0	44·0	44·0	44·9	45·6	45·7	46·4	46·6	46·9	46·9	47·0	45·8	46·0	45·9	45·4	45·4	45·0	45·0	45·0	44·9
20	44·7	44·4	44·2	44·0	44·0	43·9	43·9	44·6	45·0	45·8	46·8	47·1	46·9	46·8	46·9	47·0	46·6	46·3	45·7	45·3	44·6	44·3	44·1	44·2
21	43·7	43·3	41·7	42·1	42·1	41·4	41·6	42·9	45·0	47·0	48·1	49·0	48·6	48·1	44·9	43·3	42·5	40·3	39·2	38·3	38·0	38·1	38·0	35·9
22	37·1	37·6	38·0	37·6	37·0	36·3	34·5	35·4	36·2	35·1	34·3	36·4	37·0	36·7	37·1	34·1	35·4	32·8	32·5	32·1	*	†31·8	*	*
23	31·0	30·8	...	...	...	*	...	...	...	36·0	37·6	38·1	38·9	38·9	39·0	35·4	33·3	33·9	34·6	33·6	33·3	32·9	33·2	32·7
24	33·0	33·3	32·6	32·0	31·9	31·9	32·8	33·1	...	*	...	34·9	35·8	34·8	34·6	35·8	35·9	34·1	33·8	33·3	34·0	33·3	33·8	33·4
25	33·2	33·3	33·0	32·9	32·1	32·1	31·9	32·7	35·9	35·8	37·0	36·2	37·5	37·3	37·5	36·9	36·9	36·8	35·4	33·7	32·8	32·5	32·7	32·7
26	31·8	31·0	31·6	30·9	30·7	30·6	30·9	32·5	35·8	37·9	39·8	41·0	40·9	41·2	40·7	41·2	40·9	40·2	39·9	39·2	40·0	39·3	39·4	39·5
27	39·7	38·1	35·9	34·8	33·3	33·4	34·8	35·7	37·1	38·3	38·7	39·9	39·0	39·5	38·4	38·3	38·0	37·1	36·1	35·1	34·8	34·3	33·4	33·0
28	32·6	31·9	31·6	30·5	30·6	30·0	31·1	31·7	32·8	34·9	34·9	34·7	34·0	33·3	35·1	35·7	35·0	33·9	33·0	32·3	...	*	*	...
29	30·0	29·9	29·9	29·8	29·9	30·1	30·9	*	*	33·9	35·1	34·7	35·0	35·0	34·7	34·2	34·5	34·0	33·2	31·9	31·7	31·3	30·9	30·1
30	30·6	*	*	31·0	30·3	30·8	30·8	*	33·1	34·7	35·3	35·8	35·5	33·9	34·9	35·1	33·2	33·2	33·1	33·8	33·3	33·2	33·3	33·2
31	33·8	33·0	32·9	33·6	34·0	34·3	34·9	35·4	36·4	37·5	37·1	35·7	33·3	34·0	33·9	32·6	33·0	32·0	31·2	29·3	29·8	29·5	29·8	30·2

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54.21 N. LONG: 6.39 W.

HOURLY VALUES March 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V	DAYS
1	18	25	17	19	17	17	16	18	16	13	16	12	16	6.5	16	3	16	4	16	4	17	6.5	20	6.5	20	4	20	4	20	4.5	22	4.5	25	5.5	25	6.5	25	6.5	24	7.5	24	8.5	23	9.5	24	10.5	24	8.5	1
2	23	8.5	23	8.5	22	10.5	21	8.5	23	7.5	23	8.5	22	10.5	22	11	20	10.5	21	9.5	22	13	22	13	23	14	23	16	23	14	23	13	23	8.5	22	8.5	22	6.5	21	10.5	21	10.5	21	12	20	12	19	14	2
3	19	13	20	12	21	9.5	21	11	19	15	19	16	18	14	18	13	18	11	18	12	17	19	18	17	17	16	18	22	18	22	19	15	18	14	18	17	18	17	18	17	17	17	18	14	17	15	18	22	3
4	17	20	17	19	17	18	17	22	17	20	17	20	17	20	17	23	17	28	18	27	17	25	17	22	17	22	17	21	24	8.5	24	7.5	21	10.5	19	15	21	18	24	16	22	13	21	15	22	13	4
5	21	14	20	14	20	18	20	21	19	17	20	18	20	18	20	18	20	24	20	18	19	22	19	26	18	23	18	24	19	21	23	18	23	22	24	22	23	19	24	19	21	18	23	18	21	16	22	18	5
6	22	21	21	20	21	28	21	30	21	25	22	24	23	22	23	29	23	32	23	31	24	36	24	35	25	31	25	27	26	21	24	22	26	24	26	25	24	25	25	21	25	21	25	18	25	14	24	13	6
7	24	11	24	13	23	13	23	13	23	11	23	14	23	14	23	19	24	18	23	16	23	20	23	24	23	26	24	26	23	23	23	28	23	26	24	28	24	25	26	23	26	20	27	14	27	14	26	15	7
8	25	12	25	13	26	17	26	17	26	16	27	19	26	13	26	7.5	23	8.5	24	12	25	18	27	18	26	26	23	27	19	26	17	28	11	30	11	27	9.5	27	8.5	27	4.5	27	4.5	27	4	27	4	8
9	28	2	28	4	27	4.5	26	4.5	26	4.5	25	4.5	19	6.5	17	10.5	16	9.5	16	7.5	15	14	15	15	16	13	17	10.5	17	8.5	18	9.5	19	12	18	12	19	12	19	12	20	13	24	9.5	23	9.5	9
10	23	10.5	24	9.5	24	11	24	8.5	24	8.5	24	7.5	24	11	24	10.5	23	13	24	10.5	24	18	25	18	25	14	24	17	24	17	24	16	23	17	24	16	23	14	23	12	22	13	23	14	21	13	21	14	10
11	22	12	22	12	22	12	20	13	21	14	21	14	22	13	20	13	21	18	22	15	22	18	23	17	23	20	23	24	23	24	24	13	23	13	23	15	24	10.5	23	9.5	21	10.5	23	12	24	14	24	12	11
12	2	11	2	6.5	2	6.5	2	4	2	4	2	3	2	3	2	3	2	4.5	2	4.5	2	6.5	2	5.5	2	5.5	2	4	2	4	2	3	2	1.5	2	1.5	2	4	2	6.5	3	5.5	3	6.5	3	6.5	3	4.5	12
13	3	4.5	2	6.5	2	6.5	2	4.5	2	4.5	2	3	2	4	2	1.5	2	3	2	6.5	5	7.5	6	6.5	7	5.5	7	6.5	7	6.5	7	6.5	7	5.5	7	6.5	9	7.5	9	4	9	4	9	3	9	3	9	3	13
14	9	3	9	3	9	2	9	3	9	2	9	3	9	2	9	4.5	9	3	9	4.5	18	10.5	18	9.5	18	8.5	18	9.5	19	8.5	19	7.5	20	4.5	20	4	20	2	20	4.5	20	4.5	20	4	20	3	20	3	14
15	20	2	20	1.5	20	2	20	3	20	2	20	2	20	2	20	2	20	2	12	4.5	11	8.5	11	6.5	11	4.5	11	4.5	11	5.5	11	4.5	11	5.5	11	7.5	11	4.5	11	4	11	3	11	3	11	3	11	3	15
16	11	2	11	1.5	11	2	11	1.5	11	3	11	3	11	3	11	2	11	1.5	11	2	11	2	11	3	11	4	12	4.5	16	6.5	16	9.5	16	6.5	16	6.5	16	6.5	16	8.5	16	7.5	16	7.5	16	7.5	16	6.5	16
17	17	6.5	17	6.5	17	7.5	17	5.5	17	6.5	17	7.5	17	7.5	17	7.5	18	9.5	19	10.5	20	8.5	22	9.5	23	12	23	10.5	23	9.5	23	9.5	24	10.5	24	10.5	24	7.5	24	7.5	24	7.5	24	6.5	24	7.5	24	8.5	17
18	24	9.5	24	11	24	11	23	10.5	24	9.5	24	8.5	24	9.5	24	9.5	25	10.5	27	13	28	16	27	15	29	11	29	14	27	13	28	13	29	14	29	11	29	8.5	29	10.5	28	8.5	28	4.5	28	6.5	27	7.5	18
19	26	7.5	25	7.5	24	7.5	26	9.5	26	7.5	26	7.5	26	7.5	26	7.5	26	9.5	27	9.5	27	8.5	29	7.5	29	7.5	29	7.5	28	6.5	29	7.5	29	7.5	29	7.5	29	5.5	29	4	28	5.5	28	6.5	28	4.5	19
20	27	4	25	5.5	25	4	25	5.5	25	4.5	25	4.5	25	5.5	23	6.5	21	8.5	21	9.5	21	8.5	20	10.5	22	7.5	22	7.5	22	7.5	24	6.5	23	5.5	23	4.5	23	6.5	23	5.5	22	7.5	21	6.5	21	5.5	20
21	21	7.5	21	6.5	21	8.5	21	8.5	21	8.5	21	9.5	20	9.5	20	9.5	20	9.5	24	10.5	25	12	26	13	28	11	29	11	32	11	32	11	31	11	32	11	32	6.5	32	7.5	32	6.5	32	6.5	32	4.5	32	5.5	21
22	28	5.5	28	4.5	28	6.5	28	8.5	30	6.5	30	4.5	32	7.5	32	5.5	32	6.5	32	8.5	32	10.5	32	8.5	32	9.5	32	14	31	11	32	12	31	12	32	9.5	32	5.5	32	6.5	31	4	30	7.5	30	6.5	30	7.5	22
23	30	4.5	30	4	28	8.5	27	4.5	27	5.5	27	6.5	26	9.5	25	10.5	25	10.5	25	8.5	25	11	26	12	25	8.5	25	9.5	30	7.5	31	5.5	31	4	31	4	31	8.5	31	5.5	30	10.5	30	12	32	6.5	23
24	30	8.5	30	6.5	30	6.5	28	6.5	26	8.5	24	10.5	22	6.5	24	15	31	18	30	16	29	20	28	20	28	21	30	24	31	21	29	25	30	22	29	19	29	18	30	21	31	21	30	16	31	15	31	13	24
25	31	14	31	12	32	12	31	13	31	10.5	31	9.5	31	4	23	6.5	26	5.5	30	11	30	15	31	13	30	14	32	9.5	27	14	32	10.5	32	9.5	32	8.5	32	6.5	31	5.5	30	6.5	30	4.5	30	5.5	29	4	25
26	29	4.5	28	5.5	28	4.5	27	4.5	26	6.5	23	4.5	23	5.5	23	5.5	22	6.5	23	8.5	24	10.5	23	10.5	23	12	22	11	23	12	22	13	21	14	23	12	22	10.5	21	14	21	13	21	14	22	11	24	10.5	26
27	26	8.5	27	5.5	28	4.5	28	3	28	4	28	4	28	4	23	6.5	23	3	23	4.5	28	6.5	1	7.5	2	8.5	2	5.5	2	6.5	2	7.5	2	6.5	3	6.5	3	5.5	3	4.5	3	4	3	3	3	2	3	2	27
28	3	3	3	3	3	3	3	2	3	3	3	4	4	6.5	6	3	6	3	6	4.5	6	5.5	5	8.5	6	10.5	6	5.5	6	7.5	4	8.5	1	1	8	10.5	7	1.2	5	1.5	5	1.5	4	1.6	4	1.3	28
29	4	1.4	4	1.3	4	1.5	4	1.4	3	1.4	3	1.5	2	1.2	2	1.3	2	1.6	2	1.6	2	1.7	1	1.6	2	1.6	32	1.4	32	1.7	32	1.8	32	1.6	32	1.4	32	1.4	32	1.0	32	1.0	32	9.5	32	9.5	32	7.5	32	10.5	31	8.5	29
30	28	11	30	13	28	9.5	30	10.5	31	12	31	10.5	31	8.5	31	9.5	31	15	32	17	31	16	31	18	32	16	31	15	31	17	30	14	31	16	29	10.5	29	10.5	29	7.5	27	10.5	27	9.5	27	9.5	26	8.5	30
31	25	8.5	24	7.5	23	9.5	22	10.5	21	11	20	12	21	13	21	12	21	12	23	11	25	14	32	12	32	9.5	32	7.5	30	8.5	30	9.5	28	8.5	26	7.5	26	7.5	25	8.5	22	8.5	23	8.5	23	8.5	31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	.	.	.	.010	.040	.030	.030	.020	.030	.020	.010	.070	.050	.030	.080	.020	.010	.	.010	.020	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.040	.130	.050	.020	.010	.050	.010	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.010	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.010	.	.	.	.020	.010	.	9
10	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.020	.030	.030	.	.	.	.	11
12	.040	.020	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.005	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.010	.	.010	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.090	.040	.020	.020	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.075	.015	.	.	.	.010	.	.	.	.010	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.010	.	26
27	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.030	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	31
D	.050	.020	.020	.010	.040	.040	.030	.050	.050	.095	.055	.070	.090	.080	.130	.240	.120	.075	.050	.100	.040	.030	.010	-1	
D	2	1	1		1	1			1	2	1		1	1	1	2	1	1		1				-1	

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.308	.310	.308	.321	.327	.332	.338	.332	.343	.353	.356	.364	.361	.370	.364	.355	.338	.337	.327	.327	.317	.303	.287	.286	1
2	.290	.276	.284	.278	.274	.276	.274	.275	.279	.279	.288	.274	.272	.261	.266	.267	.289	.290	.281	.290	.293	.283	.284	.285	2
3	.287	.290	.295	.294	.289	.288	.294	.294	.291	.295	.289	.294	.300	.295	.292	.301	.305	.297	.299	.300	.293	.290	.290	.287	3
4	.286	.290	.285	.288	.289	.294	.296	.294	.303	.302	.311	.313	.329	.346	.346	.315	.313	.306	.296	.287	.253	.246	.237	.220	4
5	.214	.208	.211	.218	.220	.217	.218	.226	.232	.244	.249	.269	.277	.283	.299	.322	.306	.299	.287	.298	.315	.312	.326	.328	5
6	.321	.317	.310	.316	.319	.325	.330	.307	.298	.297	.302	.294	.296	.278	.283	.277	.272	.261	.264	.265	.259	.261	.254	.251	6
7	.253	.284	.312	.320	.325	.324	.321	.320	.314	.319	.304	.303	.309	.300	.300	.297	.301	.310	.320	.301	.256	.242	.232	.222	7
8	.220	.209	.200	.201	.188	.195	.207	.209	.215	.224	.221	.192	.225	.200	.194	.203	.212	.215	.214	.215	.220	.228	.228	.230	8
9	.231	.233	.223	.219	.218	.218	.219	.224	.237	.251	.254	.261	.276	.280	.289	.296	.300	.293	.287	.290	.286	.297	.288	.273	9
10	.251	.246	.248	.242	.234	.230	.226	.227	.241	.251	.251	.249	.256	.261	.267	.283	.286	.281	.277	.275	.275	.272	.276	.276	10
11	.278	.281	.271	.272	.273	.270	.266	.270	.269	.274	.271	.268	.268	.259	.270	.286	.312	.311	.318	.326	.332	.334	.339	.342	11
12	.274	.270	.264	.257	.249	.249	.251	.246	.239	.221	.221	.224	.222	.223	.228	.235	.243	.250	.251	.241	.225	.221	.211	.215	12
13	.210	.204	.202	.209	.202	.195	.191	.201	.205	.216	.210	.196	.201	.198	.192	.189	.189	.189	.169	.176	.179	.169	.164	.169	13
14	.160	.159	.158	.165	.158	.158	.145	.174	.175	.201	.197	.208	.214	.219	.222	.218	.219	.231	.222	.223	.224	.217	.217	.213	14
15	.200	.264	.199	.206	.183	.180	.174	.173	.186	.229	.216	.224	.219	.227	.212	.217	.226	.218	.214	.214	.206	.204	.195	.186	15
16	.196	.181	.171	.170	.168	.162	.164	.161	.172	.191	.216	.224	.206	.198	.227	.235	.231	.231	.224	.220	.220	.214	.217	.220	16
17	.219	.216	.208	.205	.197	.202	.210	.227	.239	.248	.264	.269	.263	.278	.283	.291	.297	.300	.305	.309	.306	.303	.302	.302	17
18	.306	.301	.305	.315	.314	.312	.310	.314	.310	.306	.295	.290	.297	.279	.292	.289	.278	.284	.285	.289	.286	.285	.276	.271	18
19	.277	.278	.270	.268	.265	.266	.267	.278	.280	.276	.283	.288	.285	.289	.293	.262	.279	.280	.276	.282	.282	.282	.287	.286	19
20	.288	.283	.280	.275	.278	.274	.273	.284	.281	.286	.282	.278	.278	.272	.272	.267	.277	.272	.276	.274	.266	.261	.263	.272	20
21	.265	.264	.250	.248	.248	.247	.249	.263	.275	.282	.288	.298	.300	.289	.274	.248	.227	.214	.208	.197	.205	.200	.205	.195	21
22	.204	.209	.210	.214	.209	.202	.187	.193	.189	.175	.186	.190	.188	.174	.176	.167	.169	.169	.161	.164	.*	†.160	.*	.*	22
23	.149	.156	. . .	. . .	.*	. . .	. . .	. . .	.199	.204	.200	.210	.210	.209	.197	.182	.193	.195	.188	.178	.175	.180	.176	23
24	.171	.170	.173	.155	.167	.165	.177	.178	. . .	.*	. . .	.169	.164	.171	.179	.166	.169	.168	.168	.164	.170	.163	.172	.166	24
25	.161	.164	.160	.160	.158	.157	.162	.169	.180	.178	.175	.165	.175	.180	.185	.179	.181	.193	.187	.172	.162	.167	.174	.177	25
26	.170	.159	.166	.161	.163	.150	.166	.174	.193	.197	.210	.213	.208	.212	.203	.202	.205	.203	.211	.203	.232	.228	.232	.233	26
27	.235	.221	.198	.197	.180	.183	.199	.199	.210	.211	.210	.217	.206	.200	.181	.183	.190	.181	.184	.180	.179	.172	.171	.172	27
28	.174	.166	.167	.155	.156	.156	.162	.172	.177	.181	.181	.186	.185	.182	.195	.198	.185	.164	.174	.170	. . .	.*	.*	. . .	28
29	.140	.136	.138	.134	.135	.139	.146	.*	.*	.158	.158	.147	.144	.140	.138	.134	.143	.148	.153	.151	.153	.153	.146	.138	29
30	.144	.*	.*	.146	.135	.145	.148	.*	.146	.166	.174	.167	.159	.153	.161	.159	.138	.144	.147	.170	.165	.165	.166	.167	30
31	.178	.171	.174	.176	.182	.185	.193	.194	.200	.204	.208	.191	.166	.177	.170	.143	.148	.138	.140	.131	.131	.133	.134	.148	31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53' N LONG. 4°18' W — HOURLY VALUES March 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	29.358	29.336	29.323	29.290	29.264	29.227	29.206	29.178	29.158	29.128	29.113	29.105	29.087	29.083	29.081	29.083	29.092	29.113	29.125	29.137	29.161	29.184	29.221	29.249	1
2	.287	.315	.343	.365	.404	.441	.471	.505	.529	.559	29.575	.601	.619	.653	.674	.701	.729	.763	29.783	.799	.820	29.825	29.866	29.877	2
3	29.889	29.898	.908	.905	.913	.909	.923	.951	.973	.991	30.003	.997	.990	.962	.988	.994	.981	.999	30.003	.997	.987	30.001	30.007	30.019	3
4	30.016	30.007	.992	.990	.979	.971	.986	.981	.987	.971	29.967	.940	.912	.890	.855	.865	.870	.882	29.854	.851	.854	29.873	29.888	29.906	4
5	29.916	29.927	.930	.926	.920	.908	.918	.916	.914	.896	.908	.875	.870	.838	.822	.802	.788	.799	.810	.808	.812	.786	.746	.704	5
6	.684	.621	.584	.540	.513	.490	.452	.420	.400	.384	.413	.410	.420	.432	.466	.510	.538	.575	.610	.634	.660	.707	.742	.778	6
7	.772	.766	.756	.740	.696	.666	.625	.602	.574	.556	.537	.521	.501	.457	.411	.402	.390	.409	.437	.467	.495	.519	.528	.543	7
8	.555	.583	.597	.623	.648	.679	.681	.697	.722	.720	.745	.778	.793	.807	.823	.829	.851	.879	.901	.929	.949	.962	.973	.983	8
9	.974	.971	.965	.961	.961	.953	.953	.951	.935	.927	.906	.876	.854	.830	.792	.764	.734	.711	.682	.656	.625	.596	.580	.564	9
10	.548	.541	.550	.558	.568	.596	.620	.646	.672	.676	.702	.718	.726	.742	.734	.730	.726	.722	.732	.736	.754	.764	.766	.780	10
11	.772	.766	.766	29.774	29.770	29.749	29.752	29.747	29.741	29.730	29.736	29.730	29.728	29.722	29.724	29.740	29.776	29.799	29.814	29.828	29.842	29.874	29.896	29.920	11
12	29.944	29.966	29.988	30.012	30.032	30.063	30.082	30.100	30.118	30.132	30.125	30.127	30.116	30.107	30.096	30.095	30.101	30.113	30.124	30.137	30.155	30.173	30.185	30.195	12
13	30.199	30.211	30.219	.227	.239	.247	.261	.280	.295	.301	.313	.321	.319	.319	.317	.319	.324	.333	.351	.355	.363	.366	.369	.363	13
14	.367	.363	.353	.347	.345	.335	.329	.327	.318	.311	.298	.282	.271	.252	.242	.236	.236	.244	.244	.242	.247	.254	.254	.261	14
15	.264	.268	.271	.275	.288	.290	.306	.318	.320	.330	.330	.326	.328	.332	.340	.346	.362	.370	.374	.386	.394	.404	.412	.422	15
16	.426	.430	.428	.428	.434	.442	.450	.456	.454	.460	.456	.458	.451	.439	.436	.430	.426	.430	.429	.432	.426	.416	.410	.404	16
17	.394	.374	.370	.366	.360	.352	.348	.336	.332	.327	.323	.315	.296	.275	.258	.246	.240	.228	.230	.226	.218	.196	.192	.180	17
18	.164	.148	.127	.110	.102	.094	.096	.111	.100	.100	.093	.084	.070	.072	.068	.052	.061	.070	.086	.084	.087	.088	.096	.096	18
19	.098	.081	.065	.058	.068	.073	.092	.103	.112	.124	.122	.113	.115	.099	.095	.099	.103	.112	.125	.128	.141	.147	.159	.159	19
20	.153	.147	.147	30.143	30.137	30.135	30.141	30.143	30.139	30.139	30.131	30.125	30.121	30.111	30.101	30.085	30.087	30.083	30.083	30.081	30.075	30.069	30.053	30.049	20
21	30.033	30.023	30.000	29.983	29.968	29.957	29.927	29.925	29.931	29.943	29.950	29.942	29.953	29.944	29.943	29.930	29.953	29.958	29.958	29.964	29.966	29.960	29.956	29.950	21
22	29.940	29.932	29.918	.910	.896	.890	.880	.873	.858	.852	.839	.826	.810	.788	.770	.760	.754	.750	.754	.759	.752	.747	.736	.718	22
23	.704	.681	.660	.638	.622	.606	.600	.587	.581	.558	.555	.537	.528	.511	.496	.497	.498	.504	.511	.527	.536	.542	.535	.538	23
24	.531	.501	.472	.445	.406	.374	.348	.357	.362	.357	.322	.288	.272	.268	.292	.303	.309	.328	.368	.424	.444	.479	.506	.525	24
25	.544	.562	.574	.586	.609	.630	.656	.670	.690	.696	.699	.709	.713	.717	.711	.719	.723	.737	.751	.771	.789	.799	.809	.817	25
26	.823	.817	.816	.818	.815	.817	.819	.819	.823	.815	.796	.776	.748	.704	.668	.618	.598	.582	.550	.544	.540	.564	.580	.588	26
27	.594	.590	.590	.588	.596	.602	.624	.632	.642	.650	.664	.655	.646	.634	.623	.613	.609	.605	.609	.608	.607	.607	.607	.596	27
28	.579	.561	.541	.517	.499	.490	.479	.469	.451	.423	.402	.379	.359	.353	.343	.337	.347	.367	.387	.409	.429	.447	.459	.467	28
29	.475	.475	.473	.475	.473	.477	.483	.499	.490	.481	.481	.465	.459	.453	.445	.447	.454	.453	.461	.450	.427	.414	.395	.377	29
30	.357	.347	.339	.339	.340	.353	.367	.375	.379	.377	.374	.376	.372	.359	29.350	29.350	29.352	29.356	29.362	29.358	29.350	29.336	29.326	29.308	30
31	29.288	29.260	29.226	29.190	29.174	29.146	29.134	29.117	29.103	29.092	29.085	29.061	29.037	29.019	28.998	28.982	28.957	28.928	28.917	28.925	28.905	28.910	28.889	28.867	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	47.2	48.0	47.9	48.2	48.8	48.7	48.0	47.5	47.7	48.5	48.7	48.8	50.0	50.4	50.7	49.1	49.0	48.7	47.9	47.8	47.7	46.5	45.9	45.6
2	46.1	46.0	46.4	46.0	45.6	45.3	45.4	45.8	46.2	48.3	47.7	49.8	50.9	50.1	50.0	48.0	47.2	47.3	47.3	47.4	47.5	46.5	47.3	47.4
3	47.4	46.5	46.2	46.1	46.1	45.3	45.2	45.3	46.4	46.8	49.1	50.2	52.0	50.9	51.5	50.0	49.5	49.2	48.8	48.3	49.0	49.1	49.5	49.8
4	49.6	49.5	49.6	49.5	49.4	49.0	49.0	48.8	49.1	49.1	49.4	48.9	48.0	48.2	48.1	47.9	45.6	45.5	45.1	45.2	45.0	43.5	42.5	41.8
5	40.5	41.7	41.8	39.9	40.2	41.2	41.9	42.9	42.9	42.7	43.0	45.9	45.0	44.8	46.3	45.9	45.4	46.2	46.8	47.0	46.7	46.6	46.6	47.3
6	48.1	48.1	48.5	48.2	48.7	48.7	48.3	48.2	47.0	49.2	46.6	47.0	48.2	47.4	49.1	49.3	48.4	46.7	47.2	46.5	46.0	44.4	42.3	42.9
7	42.0	41.0	40.5	42.2	43.1	43.5	45.9	47.7	49.7	50.7	51.3	50.9	51.2	51.0	51.3	50.2	50.0	48.0	45.8	43.2	42.9	42.8	41.9	40.9
8	41.0	39.0	39.3	39.4	36.8	38.7	37.3	38.7	41.0	41.9	43.3	42.8	42.9	43.1	42.5	42.8	41.6	40.1	39.1	37.8	35.9	35.5	35.6	35.2
9	33.5	32.8	31.3	31.1	30.9	31.7	32.0	32.3	33.7	35.1	37.1	41.0	41.9	39.0	38.6	38.2	38.3	38.8	38.9	37.5	39.1	39.3	39.5	39.5
10	39.9	41.8	40.3	40.3	40.9	40.7	40.8	41.3	44.3	45.6	45.8	47.2	46.5	47.3	47.7	46.3	46.1	47.2	47.1	46.9	46.2	45.3	44.8	44.0
11	44.1	44.9	44.9	45.2	45.8	45.9	45.1	45.9	46.4	46.9	48.2	45.5	45.9	46.4	47.0	46.6	44.9	43.1	41.2	41.3	41.1	40.5	40.1	39.0
12	38.3	39.0	35.8	35.9	35.6	32.9	32.9	34.2	35.0	38.2	41.1	43.7	43.1	44.3	46.0	45.8	44.2	42.5	41.5	41.0	39.5	38.9	38.0	36.9
13	35.4	33.9	33.5	32.8	32.2	32.3	32.7	33.5	35.2	36.7	38.0	40.8	42.9	43.9	44.9	45.0	45.1	44.1	41.8	40.0	38.9	37.1	36.3	35.5
14	35.1	34.2	33.3	33.8	33.8	33.3	33.3	34.1	36.7	39.7	40.7	42.0	43.6	44.1	43.5	43.4	42.8	41.8	40.8	38.5	38.0	36.8	35.3	33.8
15	33.4	32.8	32.9	31.7	30.9	30.7	30.8	30.7	31.2	33.0	36.5	42.5	44.1	44.6	44.1	44.1	43.7	43.0	42.3	41.8	41.5	40.8	40.5	40.4
16	40.1	39.9	39.5	38.9	38.3	38.1	37.9	37.9	39.0	40.8	42.8	43.7	45.5	44.8	44.4	43.5	42.8	42.3	42.4	42.3	42.0	40.9	38.2	37.7
17	36.7	36.7	36.2	36.4	36.7	37.2	37.9	39.5	40.4	41.7	43.9	44.9	45.1	45.7	47.5	49.5	48.6	48.1	47.7	47.7	46.5	46.7	45.9	45.9
18	47.2	47.5	46.8	46.9	47.7	46.8	46.3	46.6	47.7	48.5	49.5	49.4	50.7	50.5	50.0	49.9	49.4	48.3	47.2	47.1	46.8	46.9	45.9	46.4
19	46.1	45.7	46.8	46.9	45.5	47.0	44.2	45.2	49.0	50.0	50.5	51.1	53.3	52.7	52.1	51.6	50.8	48.0	47.1	46.4	44.3	45.0	44.8	44.6
20	44.3	43.5	43.8	44.2	43.5	44.1	45.1	46.5	47.4	48.1	48.9	50.0	50.4	50.4	51.1	50.0	49.8	48.9	48.0	47.5	47.2	47.2	46.9	46.9
21	46.9	46.7	46.1	46.0	46.0	45.9	46.8	46.6	46.5	47.5	48.0	49.0	48.5	47.0	46.7	44.8	44.0	42.1	40.3	39.1	38.3	37.7	37.1	36.4
22	35.8	34.3	33.6	31.9	30.7	31.5	31.9	33.7	36.3	38.1	37.9	38.7	40.1	39.9	40.5	39.5	38.3	37.9	34.9	34.3	33.6	33.8	32.4	31.2
23	32.2	31.7	31.3	31.4	32.0	31.8	31.8	33.5	36.6	37.3	38.7	39.0	40.1	39.7	40.5	40.0	39.9	38.3	36.6	35.8	35.7	34.3	34.1	34.0
24	31.3	31.0	31.9	32.4	32.8	33.6	33.0	31.2	31.9	34.3	35.5	35.7	39.3	38.3	38.9	38.0	39.2	38.7	35.9	35.2	33.2	32.9	33.9	34.3
25	34.8	33.1	34.5	33.8	33.8	32.3	34.7	35.9	37.8	37.9	39.9	40.5	41.9	42.1	41.1	41.2	38.2	38.6	37.1	36.1	34.9	33.9	32.2	31.1
26	30.8	30.3	29.7	31.2	32.9	32.0	32.9	35.2	37.9	39.4	41.2	41.7	42.7	43.1	43.1	44.4	42.0	40.1	39.1	39.3	38.3	37.0	35.7	34.8
27	33.0	32.9	31.0	31.8	30.5	30.7	31.5	32.8	36.5	37.6	38.2	40.3	41.9	42.0	41.6	41.2	41.3	39.8	37.7	35.5	34.1	34.3	34.2	32.9
28	31.4	31.3	30.3	29.7	29.2	27.3	28.2	29.8	32.9	35.5	36.7	38.0	39.7	38.7	37.1	37.6	37.8	37.1	34.9	33.2	32.2	31.7	31.2	31.8
29	30.5	29.9	30.7	30.7	30.5	30.1	30.7	33.6	36.3	38.3	39.8	40.3	42.1	40.5	40.6	39.2	38.2	37.7	35.2	34.0	32.3	32.0	32.9	32.2
30	31.4	31.9	31.8	32.9	33.8	33.9	33.9	36.4	37.9	38.0	40.0	41.0	41.7	42.0	43.2	42.5	40.2	40.0	38.0	36.7	36.0	34.2	32.9	33.1
31	32.2	32.1	31.8	32.3	33.0	32.9	33.0	33.2	33.9	33.3	34.5	35.9	38.7	38.9	39.7	39.8	38.5	37.0	35.0	34.1	34.7	33.5	33.4	32.9

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
45.2	45.7	45.9	46.1	46.6	46.8	46.9	46.3	46.7	47.4	47.9	48.0	48.7	48.8	48.8	47.9	47.8	47.6	46.6	46.4	46.2	45.0	44.1	43.9	1
43.9	43.9	43.9	43.5	43.2	43.2	42.7	42.9	43.8	45.3	44.5	45.9	46.1	45.2	46.2	45.6	44.6	45.0	45.3	45.3	45.6	44.9	45.5	45.5	2
45.4	45.0	44.9	44.4	44.5	43.9	43.9	43.9	44.8	45.2	46.8	47.9	48.3	47.3	47.4	46.7	46.4	46.4	46.1	46.0	46.5	46.8	46.9	46.9	3
46.8	46.7	46.8	46.8	46.9	46.6	46.7	46.6	46.8	46.9	46.9	47.2	47.0	47.0	46.9	46.9	44.3	44.4	44.2	44.1	43.9	41.9	40.5	39.5	4
37.8	38.5	38.7	38.0	38.8	39.5	39.9	40.5	40.9	41.5	41.9	44.0	43.2	43.7	44.2	44.1	44.2	45.1	45.3	45.1	44.3	44.3	45.2	46.8	5
47.1	47.1	47.3	47.2	47.3	47.3	47.1	46.9	46.7	46.5	45.7	45.6	45.8	45.5	45.9	45.9	44.8	44.8	44.9	44.5	41.8	40.2	39.0	39.5	6
39.0	38.4	38.4	39.8	41.0	42.4	45.0	46.8	47.8	48.0	48.2	48.6	48.1	48.2	48.2	47.9	46.6	44.0	41.9	39.4	39.0	41.9	41.1	39.3	7
39.5	37.7	37.5	37.0	35.9	36.3	35.0	35.7	38.0	39.8	42.7	42.1	36.8	37.1	36.5	36.5	35.9	35.1	34.5	33.8	32.8	32.2	31.9	31.9	8
31.2	31.0	29.9	29.7	29.5	30.0	30.2	30.2	31.0	32.6	34.1	35.8	37.0	37.0	37.2	37.1	37.2	37.7	37.9	36.9	38.3	38.6	38.8	38.9	9
39.3	41.2	39.9	39.6	39.8	39.2	39.2	39.4	41.7	42.3	42.2	42.9	42.7	42.8	43.3	44.0	44.8	44.9	44.2	43.9	43.1	42.8	42.5	42.1	10
41.8	42.7	42.8	42.9	43.1	43.4	42.8	43.2	43.8	43.9	44.7	43.7	43.1	42.9	43.2	43.2	42.3	40.3	39.0	38.7	38.3	37.0	36.1	35.7	11
35.3	34.5	33.0	32.5	32.1	31.0	31.1	32.3	32.7	35.7	36.0	37.6	37.0	38.2	39.7	39.3	39.2	38.6	37.0	†36.2	*	†34.8	34.2	33.2	12
31.8	30.7	29.9	29.1	28.8	28.4	28.8	29.2	30.9	31.7	32.7	34.8	36.5	37.0	37.9	37.9	38.3	38.7	37.2	36.3	35.2	34.3	34.3	33.5	13
33.5	33.1	32.0	32.3	32.1	31.9	31.9	32.1	34.1	36.3	36.9	37.9	38.8	39.3	39.3	39.8	39.2	38.7	37.9	36.6	36.2	35.2	34.2	33.2	14
32.9	32.2	32.2	31.0	30.3	30.1	30.1	30.1	31.2	*	33.0	38.3	39.2	39.9	39.9	39.9	40.0	39.4	39.1	38.8	38.8	38.1	38.1	38.0	15
38.0	38.0	37.6	37.2	37.1	37.1	36.8	36.8	37.7	38.8	39.9	39.9	41.0	40.7	40.4	40.3	40.0	39.4	39.8	39.7	39.8	39.0	37.1	36.5	16
35.8	35.9	35.6	35.8	36.0	36.7	37.3	38.8	39.6	40.6	42.5	43.7	43.9	44.7	46.5	47.7	46.9	46.5	46.2	45.8	44.9	44.7	44.2	44.7	17
45.6	45.9	45.3	45.1	45.1	44.5	43.5	44.0	45.3	45.9	46.7	47.0	47.9	47.7	47.7	47.2	46.9	46.0	45.5	45.1	44.9	44.4	43.8	44.2	18
43.6	43.1	44.3	43.4	42.1	42.4	41.3	42.3	44.9	46.2	46.6	46.2	46.8	46.0	46.5	46.2	45.5	44.1	43.5	43.1	42.2	42.2	42.8	42.7	19
42.7	42.0	42.3	43.0	42.7	43.0	43.9	44.8	45.1	44.9	45.9	46.1	45.9	46.2	47.5	45.9	46.3	46.2	46.0	45.9	45.9	45.4	44.9	44.8	20
44.8	44.5	43.8	43.6	43.9	43.8	44.5	45.1	43.2	42.2	41.9	42.2	42.0	41.2	39.8	37.9	37.8	36.7	34.9	34.6	34.1	33.9	33.8	33.1	21
32.2	31.7	30.5	29.4	28.2	28.7	28.9	30.5	31.9	33.2	...	...	...	*	...	...	...	31.9	31.9	31.6	30.9	29.6	29.1	28.7	22
28.6	28.7	28.4	28.3	29.0	29.3	29.8	31.0	...	*	...	32.4	32.8	32.9	33.2	33.5	33.1	33.4	...	...	*	*	...	...	23
*	20.2	30.0	30.1	30.1	31.0	*	26.5	25.8	27.8	29.7	31.9	32.8	32.9	33.3	33.6	33.5	33.1	32.9	31.3	29.9	*	30.2	30.9	24
32.2	31.6	32.9	32.8	32.8	31.5	33.5	34.3	34.7	33.0	33.2	32.8	34.0	34.5	33.8	34.0	33.0	33.0	32.0	31.2	...	*	*	...	25
28.6	28.3	27.7	29.1	30.4	30.1	30.8	...	*	...	36.8	37.0	38.7	39.5	39.6	39.5	39.1	38.6	37.9	37.9	37.1	34.4	33.1	32.3	26
31.2	31.0	28.9	29.2	*	29.2	29.3	29.9	31.9	*	*	33.0	35.0	34.9	34.5	34.0	33.9	33.1	32.5	31.2	30.3	31.9	31.5	30.8	27
29.9	29.5	28.5	27.7	*	26.1	26.7	27.7	30.1	†31.2	31.7	31.8	32.7	34.1	32.5	33.0	32.4	32.5	32.3	30.1	*	29.2	29.8	29.4	28
28.5	28.0	27.7	27.2	26.8	26.3	27.2	29.3	31.0	30.2	...	*	...	33.9	34.5	32.8	32.5	32.0	*	*	27.7	27.6	28.1	28.0	29
27.5	27.8	28.5	29.3	30.1	30.2	30.3	32.1	32.9	...	*	...	35.3	35.5	35.0	35.4	33.8	33.5	*	32.2	32.5	31.8	*	29.7	30
29.3	29.3	29.4	30.6	30.9	31.1	31.2	31.3	31.2	31.2	32.8	†30.8	32.1	32.2	32.5	32.5	32.8	32.9	...	*	...	†31.6	*	30.8	31

*Record defective or Instrument out of action. †Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT Secretary.

GLASGOW OBSERVATORY LAT: 55°53'N. LONG: 4°18' W.

HOURLY VALUES March 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MDT D	MDT V	DAYS
1	18	19	18	20	17	23	17	22	17	20	18	19	18	16	19	12	18	8.5	18	4.5	20	5.5	20	9.5	20	12	20	12	20	15	20	11	20	14	21	14	23	10.5	23	9.5	23	13	24	14	23	11	22	11	1
2	21	15	25	17	24	19	24	22	23	16	21	14	22	20	21	20	23	20	23	22	22	28	23	24	23	34	22	21	22	25	24	18	24	22	23	18	21	20	22	18	23	19	21	10.5	22	13	17	12	2
3	19	13	18	11	19	16	20	13	20	20	21	24	21	22	23	12	21	17	18	15	19	16	20	16	20	23	20	19	20	22	20	23	20	19	20	13	19	13	19	10.5	17	16	18	18	18	17	17	20	3
4	18	11	17	17	18	20	19	22	18	24	18	26	18	23	18	14	18	19	18	17	18	15	18	19	18	23	18	20	18	24	20	26	26	10.5	20	10.5	20	10.5	20	20	21	20	24	26	22	22	21	24	4
5	22	22	23	27	23	25	21	26	21	26	21	22	22	25	22	29	20	30	21	33	21	27	21	33	20	30	20	32	21	35	21	32	21	27	22	21	24	17	25	20	20	17	22	23	21	25	22	31	5
6	22	30	22	34	22	35	23	36	23	40	24	34	23	36	24	38	24	33	24	37	26	36	26	34	26	41	26	35	26	32	26	30	26	27	26	25	26	25	27	21	27	22	27	20	18	6.5	20	9.5	6
7	25	13	25	13	24	10.5	22	11	19	9.5	20	11	22	22	23	24	24	30	26	37	26	40	24	35	25	36	25	30	26	41	25	37	26	41	26	33	27	34	26	32	26	37	26	35	27	36	26	30	7
8	26	32	27	30	26	26	28	25	25	20	26	21	27	18	26	24	28	27	28	33	28	32	27	24	27	20	27	21	27	20	27	23	27	16	27	14	27	10.5	3	9.5	8	8.5	11	5.5	11	6.5	11	4	8
9	15	4	15	3	15	3	23	4.5	23	3	23	3	23	4	23	5.5	23	6.5	23	4	13	4.5	15	9.5	17	11	15	9.5	16	10.5	16	8.5	15	6.5	13	4.5	7	4.5	5	5.5	11	4	11	4	4	4.5	4	4	9
10	4	4	24	6.5	24	8.5	25	6.5	22	11	23	10.5	25	6.5	22	9.5	24	11	25	19	26	17	26	20	27	22	24	17	23	19	21	19	22	24	24	25	24	21	24	25	24	16	22	19	23	18	22	15	10
11	23	20	24	23	22	23	21	22	21	24	22	26	22	26	22	25	22	30	22	30	24	30	24	31	24	22	24	31	24	31	24	26	27	18	26	14	24	7.5	23	10.5	24	11	24	13	28	10.5	25	6.5	11
12	27	6.5	29	4.5	25	4	25	5.5	26	4	26	3	26	3	26	2	26	4	26	2	26	3	26	3	28	3	24	4.5	25	8.5	27	8.5	26	7.5	26	7.5	3	8.5	4	9.5	5	9.5	5	9.5	5	7.5	5	5.5	12
13	5	5.5	5	5.5	3	8.5	4	6.5	4	6.5	4	6.5	4	4.5	1	6.5	1	4	26	4.5	28	6.5	2	7.5	32	7	4	12	5	9.5	5	11	5	9.5	8	10.5	10	11	7	7.5	8	4.5	8	4	8	3	8	2	13
14	8	15	8	3	8	3	8	3	8	3	8	3	8	3	8	4	8	4.5	20	5.5	22	5.5	24	4.5	19	4	25	7.5	23	7.5	22	7.5	21	9.5	21	5.5	21	4.5	21	4.5	21	3	21	2	21	2	21	3	14
15	21	15	21	3	21	3	21	3	21	3	21	2	21	3	21	15	21	4	21	3	21	4	6	7.5	7	11	5	12	6	9.5	6	9.5	6	9.5	5	5.5	5	4	5	4	5	4.5	5	5.5	5	4.5	5	6.5	15
16	5	4.5	5	3	5	4	5	4	5	3	5	2	5	3	5	5.5	5	5.5	23	7.5	21	15	21	9.5	21	12	19	11	21	11	20	11	20	9.5	20	9.5	20	7.5	20	7.5	20	4.5	20	6.5	20	5.5	22	5.5	16
17	22	4	22	4	22	4.5	22	4	22	5.5	16	2	16	3	16	3	16	3	21	4.5	20	10.5	20	9.5	21	9	20	13	20	11	24	15	22	12	21	14	23	15	24	12	24	9.5	25	10.5	24	10.5	23	11	17
18	25	12	24	13	23	11	23	15	24	16	24	17	23	14	22	14	24	20	23	17	24	22	24	21	24	23	23	21	23	22	24	24	24	24	25	16	23	18	22	15	22	12	24	16	25	15	23	16	18
19	23	10.5	26	17	25	22	27	21	27	16	27	13	28	4.5	22	4.5	22	9.5	24	8.5	25	14	26	15	26	17	26	20	27	19	27	18	27	15	27	10.5	21	9.5	26	13	24	9.5	26	11	23	6.5	25	11	19
20	25	8.5	24	10.5	25	7.5	23	8.5	23	8.5	23	10.5	24	10.5	23	7.5	23	13	24	16	24	22	23	19	23	19	23	22	23	18	23	23	23	19	23	17	22	16	21	14	23	16	21	11	23	18	23	17	20
21	22	18	23	18	23	19	22	22	22	18	22	18	22	24	23	20	25	23	25	23	26	27	26	31	26	27	27	26	25	21	26	28	26	15	26	16	27	16	27	12	27	13	26	14	26	12	27	8.5	21
22	27	8.5	27	5.5	28	6.5	28	6.5	28	4.5	28	6.5	28	7.5	27	9.5	27	11	29	11	31	15	32	14	28	15	30	13	30	14	30	13	31	15	32	12	32	5.5	32	5.5	30	12	29	13	29	8.5	28	4.5	22
23	27	10.5	27	6.5	24	7.5	26	10.5	27	11	27	10.5	21	6.5	26	8.5	22	9.5	26	10.5	30	13	28	13	29	13	29	12	31	15	31	12	31	10.5	32	5.5	7	4.5	6	6.5	31	4.5	27	4.5	31	7.5	24	5.5	23
24	22	6.5	22	7.5	23	5.5	26	10.5	23	14	24	14	27	22	30	25	31	24	28	22	27	25	28	27	29	27	29	33	30	26	32	19	29	19	29	19	32	17	4	10.5	6	4	6	3.	32	8.5	31	5.5	24
25	32	8.5	24	5.5	30	11	29	9.5	30	8.5	18	5.5	30	7.5	29	9.5	30	7.5	31	15	29	14	32	12	28	12	30	12	29	11	28	16	31	10.5	30	14	29	9.5	29	6.5	29	8.5	28	7.5	25	4.5	25	5.5	25
26	22	7.5	25	5.5	24	5.5	21	4.5	27	10.5	26	13	26	9.5	26	10.5	26	12	26	15	25	15	24	14	21	18	22	24	22	26	23	30	22	31	23	30	23	20	24	16	24	12	1	12	3	8.5	3	4	26
27	27	4.5	27	3	26	5.5	30	4	30	2	30	3	30	3	30	3	2	4.5	29	5.5	1	4.5	7	5.5	23	4	27	7.5	27	9.5	31	7.5	1	9.5	3	10.5	4	9.5	5	9.5	5	9.5	10	7.5	9	6.5	9	6.5	27
28	6	5.5	6	4	6	3	6	6.5	7	5.5	7	4.5	7	4.5	7	5.5	7	6.5	9	9.5	11	10.5	11	9.5	12	10.5	9	12	9	7.5	6	14	9	17	9	17	5	14	5	14	5	12	5	17	5	12	5	12	28
29	5	10.5	3	7.5	4	9.5	1	7.5	32	8.5	1	6.5	1	5.5	32	6.5	1	15	2	14	37	20	32	18	1	16	2	21	1	19	1	16	32	15	32	13	31	8.5	30	10.5	30	10.5	30	8.5	28	5.5	26	6.5	29
30	31	9.5	30	12	29	8.5	28	7.5	26	6.5	27	8.5	27	10.5	31	12	32	19	32	19	1	16	28	12	28	10.5	32	12	31	12	1	15	29	12	31	10.5	29	8.5	30	7.5	30	7.5	26	8.5	27	8.5	26	11	30
31	23	10.5	22	7.5	23	8.5	22	9.5	22	9.5	22	8.5	23	8.5	24	6.5	27	8.5	2	4	31	9.5	30	12	25	18	27	22	25	23	26	21	25	23	25	22	27	16	18	12	21	13	24	12	24	9.5	24	20	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. HEIGHT ABOVE MEAN SEA LEVEL 180 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.	.002	.	.	.	.002	.030	.022	.018	.003	.	.008	.002	.	.002	.018	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.012	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.050	.070	.036	.084	.052	.068	.055	.023	.044	.018	.005	.003	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.006	.054	.003	.002	.	.002	.001	.	.002	.	.002	.002	4
5	.001	.001	.	.015	.015	.034	.011	.	.035	.012	.048	.020	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.003	.023	.062	.044	.014	.050	.080	.022	.079	.007	.040	.013	.007	.002	.006	.	.	.	.	.	.	.	.	.	6
7	.	.001	.	.	.	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.040	.030	.040	.010	.013	.007	.004	.016	.030	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.008	.002	.003	.	.005	.004	.002	.	.	.	.	.	.	10
11	.	.	.	.	.001	.	.005	.	.	.002	.	.	.	.004	.	.002	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.002	.003	.	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.009	.001	.	.002	.003	.001	.002	.	.001	.001	17
18	.	.	.001	.	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
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25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.007	.028	.020	.003	.002	.001	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31
	.030	.094	.027	.063	.061	.034	.087	.122	.045	.132	.024	.088	.049	.064	.133	.066	.164	.086	.122	.094	.057	.058	.024	.025	.236
	3r		1r	2r		1r	2r	3r	3r	4r	3r	3r	3r	3r	4r	4r	4r	5r	6r	3r	3r	4r	3r	4r	2r	3r	3r	

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.277	.278	.284	.285	.291	.297	.307	.299	.306	.314	.324	.326	.327	.325	.321	.319	.317	.316	.300	.298	.294	.281	.268	.267	1
2	.262	.263	.258	.255	.252	.254	.243	.244	.259	.267	.256	.265	.258	.248	.269	.276	.264	.272	.278	.277	.283	.279	.283	.282	2
3	.279	.281	.283	.273	.278	.270	.271	.270	.278	.282	.293	.305	.294	.284	.280	.280	.279	.283	.280	.282	.287	.293	.290	.286	3
4	.287	.286	.286	.288	.291	.289	.291	.291	.293	.295	.291	.304	.309	.307	.306	.308	.276	.280	.279	.275	.273	.248	.230	.218	4
5	.299	.201	.204	.208	.220	.223	.224	.226	.233	.248	.253	.266	.267	.271	.265	.268	.276	.287	.284	.277	.264	.265	.285	.314	5
6	.311	.311	.311	.312	.309	.309	.308	.305	.316	.284	.295	.289	.279	.282	.273	.271	.256	.275	.271	.270	.221	.205	.204	.207	6
7	.207	.204	.208	.219	.233	.258	.286	.308	.308	.302	.300	.314	.299	.304	.300	.305	.278	.243	.225	.202	.198	.255	.248	.222	7
8	.225	.212	.206	.195	.200	.189	.179	.179	.197	.222	.267	.259	.164	.167	.163	.161	.160	.157	.156	.156	.156	.148	.143	.146	8
9	.147	.149	.143	.141	.140	.140	.141	.139	.141	.157	.166	.160	.175	.199	.207	.208	.210	.214	.217	.212	.223	.226	.228	.230	9
10	.232	.241	.241	.235	.232	.222	.221	.220	.235	.234	.231	.229	.233	.226	.233	.261	.282	.271	.256	.252	.244	.246	.245	.246	10
11	.239	.248	.250	.249	.248	.253	.248	.249	.254	.251	.255	.264	.247	.238	.237	.241	.240	.220	.213	.208	.201	.185	.173	.176	11
12	.175	.157	.159	.151	.146	.148	.150	.160	.159	.183	.163	.169	.165	.173	.185	.180	.190	.196	.177	†.167	.*	†.162	.160	.153	12
13	.143	.135	.125	.116	.114	.107	.112	.114	.130	.132	.138	.147	.160	.158	.166	.165	.171	.182	.179	.177	.168	.169	.177	.171	13
14	.173	.176	.164	.164	.160	.162	.162	.157	.170	.180	.181	.188	.189	.192	.198	.206	.203	.204	.197	.197	.194	.188	.185	.182	14
15	.181	.174	.172	.162	.147	.158	.155	.156	.176	.*	.154	.191	.190	.199	.202	.202	.208	.204	.206	.205	.208	.201	.204	.203	15
16	.206	.208	.205	.204	.207	.209	.205	.205	.212	.213	.215	.206	.211	.211	.209	.216	.217	.211	.217	.217	.221	.216	.208	.202	16
17	.200	.202	.202	.203	.204	.212	.215	.228	.234	.242	.256	.267	.272	.284	.304	.309	.300	.296	.294	.284	.279	.272	.270	.281	17
18	.286	.290	.284	.278	.269	.266	.257	.258	.274	.279	.286	.293	.306	.297	.302	.292	.291	.282	.284	.276	.275	.263	.262	.264	18
19	.256	.249	.262	.242	.231	.222	.228	.237	.253	.269	.273	.258	.250	.240	.257	.254	.248	.245	.242	.242	.245	.237	.251	.252	19
20	.255	.250	.252	.263	.265	.264	.272	.277	.272	.260	.275	.267	.259	.265	.287	.263	.273	.281	.285	.290	.293	.282	.274	.272	20
21	.271	.268	.260	.257	.263	.262	.266	.282	.243	.214	.204	.203	.203	.200	.181	.166	.169	.169	.153	.157	.157	.158	.161	.156	21
22	.146	.149	.134	.127	.114	.115	.117	.133	.139	.144	...	...	...	.*	...	...	...	.128	.148	.147	.140	.118	.118	.119	22
23	.170	.115	.113	.110	.118	.126	.135	.143	...	.*	...	.127	.126	.130	.129	.136	.131	.146	...	...	.*	.*	...	...	23
24	.*	.131	.138	.136	.133	.142	.*	.083	.072	.092	.112	.143	.130	.139	.140	.151	.141	.138	.157	.137	.127	.*	.126	.135	24
25	.253	.158	.168	.174	.174	.166	.180	.181	.170	.143	.133	.124	.131	.136	.131	.134	.141	.138	.133	.129	...	.*	.*	...	25
26	.121	.120	.114	.127	.138	.139	.145	...	.*	...	.176	.176	.195	.205	.207	.194	.209	.217	.215	.213	.207	.172	.162	.155	26
27	.151	.148	.125	.124	.*	.138	.129	.129	.137	.*	.*	.*	.127	.145	.143	.139	.134	.132	.131	.136	.132	.125	.152	.147	.145	27
28	.122	.135	.125	.114	.*	.112	.112	.113	.133	†.133	.132	.125	.127	.152	.141	.147	.136	.141	.154	.130	.*	.125	.142	.128	28
29	.123	.117	.104	.095	.090	.084	.095	.115	.125	.104	...	.*	...	.138	.145	.131	.134	.130	.*	.*	.096	.095	.100	.100	29
30	.098	.099	.111	.119	.126	.126	.128	.141	.142	...	.*	...	.151	.152	.149	.148	.138	.136	.*	.139	.150	.151	.*	.124	30
31	.123	.123	.128	.146	.145	.150	.151	.151	.143	.148	.167	†.125	.125	.124	.125	.125	.135	.148	...	...	.*	...	...	.145	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

BAROMETER. CISTERN 8.8 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.388	29.379	29.365	29.343	29.313	29.275	29.263	29.230	29.231	29.223	29.213	29.187	29.174	29.157	29.137	29.134	29.124	29.141	29.150	29.146	29.167	29.192	29.224	29.249	1
2	.281	.307	.333	.362	.397	.424	.452	.476	.494	29.529	29.560	29.586	29.615	29.636	29.647	29.660	29.715	29.743	29.767	29.793	29.827	29.843	29.860	29.875	2
3	29.896	29.908	.918	.928	.936	.940	.962	29.995	.990	30.019	30.030	30.029	30.025	30.027	30.031	30.049	30.037	30.050	30.042	30.049	30.048	30.062	30.052	30.036	3
4	30.021	30.000	.982	.984	.994	.990	.980	30.007	29.987	29.975	29.957	29.978	29.973	29.956	29.935	29.913	29.914	29.911	29.903	29.866	29.863	29.858	29.854	29.856	4
5	29.866	29.879	.878	.878	.871	.870	.870	29.872	.864	.857	.854	.837	.808	.793	.786	.777	.773	.796	.803	.798	.788	.769	.732	.666	5
6	.608	.524	.476	.412	.373	.328	.303	.254	.245	.253	.277	.270	.283	.314	.321	.430	.533	.599	.648	.699	.706	.720	.761	.761	6
7	.781	.778	.776	.766	.736	.709	.655	.610	.539	.481	.446	.397	.345	.315	.313	.295	.275	.298	.314	.335	.355	29.377	29.389	29.410	7
8	29.429	29.464	29.494	29.505	29.538	29.611	29.641	29.672	29.703	29.728	29.765	29.785	.802	.823	.832	.872	.909	.927	.956	.987	.996	30.012	30.023	30.027	8
9	30.034	30.035	30.035	30.036	30.035	30.032	30.032	30.035	30.034	30.032	30.022	30.007	.977	.939	.909	.882	.852	.832	.810	.780	.750	29.728	29.699	29.664	9
10	29.661	29.635	29.617	29.619	29.618	29.628	29.639	29.660	29.687	29.706	29.717	29.729	.736	.734	.733	.722	.714	.705	.708	.719	.730	.747	.761	.789	10
11	.784	.775	29.772	29.765	29.750	29.737	29.712	29.702	29.682	29.677	29.651	29.638	29.629	29.638	29.654	29.685	29.721	29.779	29.810	29.824	29.839	29.868	29.883	29.920	11
12	29.948	29.976	30.016	30.054	30.072	30.104	30.126	30.136	30.164	30.179	30.195	30.199	30.208	30.214	30.212	30.220	30.226	30.238	30.245	30.255	30.255	30.258	30.259	30.269	12
13	30.276	30.278	.271	.276	.278	.284	.276	.286	.321	.353	.369	.399	.418	.428	.435	.443	.455	.460	.473	.467	.464	.464	.460	.458	13
14	.452	.444	.437	.428	.412	.411	.403	.404	.403	.402	.388	.383	.372	.362	.345	.354	.358	.361	.367	.373	.379	.382	.383	.387	14
15	.386	.395	.393	.397	.409	.416	.424	.442	.441	.454	.467	.469	.473	.480	.487	.493	.503	.515	.521	.527	.535	.550	.555	.560	15
16	.559	.559	.555	.552	.552	.556	.561	.562	.561	.560	.554	.549	.538	.532	.518	.512	.508	.507	.507	.506	.492	.483	.467	.452	16
17	.439	.427	.416	.408	.398	.386	.372	.367	.351	.338	.331	.325	.301	.286	.270	.265	.245	.245	.247	.242	.236	.215	.207	.183	17
18	.165	.146	.105	.096	.071	.048	.044	.033	.046	.057	.058	.049	.051	.050	.056	.059	.070	.069	.097	.102	.106	.099	.098	.094	18
19	.093	.109	.109	.110	.109	.118	.136	.131	.136	.138	.148	.154	.161	.161	.160	.162	.168	.177	.184	.192	.203	.211	.212	.215	19
20	30.207	30.200	30.190	30.184	30.178	30.184	30.184	30.191	30.187	30.182	30.173	30.164	30.148	.134	.120	.107	.105	.110	.108	.099	.089	.074	30.052	30.028	20
21	29.999	29.984	29.959	29.953	29.976	29.986	29.988	29.986	29.975	29.962	29.971	29.969	29.979	30.009	30.010	30.013	30.027	30.024	30.018	30.021	30.020	30.010	29.998	29.988	21
22	.973	.954	.934	.922	.918	.899	.888	.873	.865	.862	.851	.839	.835	20.819	29.810	29.799	29.789	29.792	29.783	29.782	29.780	29.762	.752	.726	22
23	.711	.689	.657	.629	.626	.611	.606	.602	.601	.589	.597	.592	.581	.574	.565	.555	.563	.559	.562	.559	.559	.559	.559	.542	23
24	.526	.490	.456	.427	.419	.413	.398	.379	.347	.329	.317	.307	.299	.331	.343	.371	.407	.435	.468	.498	.517	.532	.553	.578	24
25	.587	.602	.609	.633	.642	.655	.679	.712	.731	.730	.748	.748	.755	.763	.763	.780	.785	.801	.823	.828	.848	.868	.852	.855	25
26	.849	.855	.843	.843	.847	.847	.851	.847	.847	.843	.831	.828	.816	.795	.763	.727	.698	.692	.691	.680	.669	.672	.664	.665	26
27	.668	.664	.669	.673	.680	.684	.708	.712	.732	.733	.734	.729	.723	.723	.726	.720	.719	.726	.725	.720	.717	.708	.698	.688	27
28	.679	.661	.646	.625	.607	.598	.591	.582	.572	.561	.552	.541	.532	.529	.525	.530	.535	.550	.566	.585	.601	.611	.617	.621	28
29	.614	.609	.596	.588	.585	.582	.582	.581	.568	.566	.557	.539	.530	.532	.530	.526	.523	.495	.490	.483	.475	.463	.446	.415	29
30	.398	.386	.375	.371	.386	.410	.422	.433	.431	.441	.434	.430	.430	.430	29.424	29.423	29.424	29.431	29.422	29.420	29.401	29.380	29.364	29.342	30
31	29.317	29.292	29.273	29.247	29.238	29.219	29.199	29.185	29.161	29.127	29.104	29.067	29.028	29.004	28.973	28.944	28.920	28.900	28.883	28.860	28.840	28.817	28.792	28.768	31

DRY BULB THERMOMETER 4.1 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	44.4	45.2	44.7	45.7	45.1	45.8	46.3	46.1	46.4	45.7	46.5	46.3	46.6	47.0	47.4	47.9	47.7	47.7	47.8	47.7	47.4	48.0	46.4	45.6
2	44.0	43.7	44.1	42.6	44.0	44.0	44.3	42.7	45.8	47.4	49.4	50.3	51.0	52.1	52.0	50.7	49.7	48.4	46.8	46.4	45.7	45.0	44.7	43.2
3	43.1	42.9	42.1	42.4	42.5	42.3	42.4	43.2	44.8	46.0	47.2	47.9	48.1	48.3	47.3	47.2	47.3	48.2	48.3	47.4	47.1	46.3	48.0	47.3
4	45.4	46.7	48.0	50.3	50.2	50.0	49.7	49.8	49.6	50.5	50.9	50.8	50.4	50.2	49.2	48.7	48.3	46.7	45.5	45.5	46.0	45.3	44.9	44.2
5	42.6	40.2	39.4	39.3	38.4	38.9	39.0	39.5	42.2	45.0	46.6	47.5	49.1	49.8	50.1	50.1	49.3	48.4	47.2	45.3	43.9	43.2	43.2	44.2
6	44.2	45.2	45.6	49.2	48.0	47.8	49.6	50.0	50.6	51.2	49.2	49.3	50.4	50.2	51.0	44.6	42.0	41.3	39.3	38.4	38.7	37.9	37.3	37.1
7	37.2	37.4	37.7	37.5	37.2	38.3	39.0	38.7	39.0	41.3	49.2	51.5	52.3	53.0	49.7	47.7	47.9	42.6	42.9	40.4	38.9	35.0	36.4	37.0
8	37.7	37.4	36.4	37.8	35.4	34.0	34.3	34.4	32.1	35.0	36.5	36.0	36.6	36.4	35.3	35.3	34.2	32.7	32.2	32.0	31.0	30.8	30.6	30.4
9	30.1	30.1	30.0	30.3	30.1	30.2	30.0	31.1	31.7	33.4	34.6	36.3	36.6	37.2	38.4	37.6	36.4	34.9	34.3	34.4	35.1	35.2	35.6	35.8
10	36.2	36.6	37.0	37.0	37.0	36.9	37.1	40.9	43.1	45.4	46.0	47.1	47.3	48.1	48.1	48.0	47.1	46.2	44.7	44.0	45.1	44.1	43.1	41.9
11	42.1	41.6	39.8	39.5	39.3	38.8	39.4	41.7	46.4	46.8	47.3	47.5	47.0	46.3	44.0	40.5	40.6	38.7	37.3	35.9	35.7	36.3	37.2	36.7
12	37.0	36.1	36.3	36.1	36.5	36.7	36.3	36.4	37.2	38.4	39.3	39.5	39.7	38.9	38.4	37.4	37.0	36.0	35.8	35.3	35.5	35.1	35.0	35.0
13	34.8	34.8	34.4	34.8	34.8	35.1	35.3	35.6	*	†37.8	40.7	42.2	42.6	42.5	42.6	42.4	41.7	40.1	37.0	36.2	34.3	34.0	32.6	33.1
14	33.0	33.6	33.3	33.4	34.6	33.7	34.3	34.9	36.0	39.0	41.0	43.0	44.5	44.6	45.7	42.8	42.3	41.1	39.3	38.0	37.4	37.4	36.4	36.2
15	35.4	34.8	35.1	35.7	36.1	36.2	36.7	37.9	39.6	40.8	41.2	42.0	42.1	41.2	41.6	41.5	41.2	41.0	40.4	40.1	38.2	37.0	35.8	36.2
16	36.0	35.8	35.6	35.3	35.0	33.2	33.3	32.6	36.3	38.9	41.0	41.4	42.1	42.2	42.3	42.9	42.8	42.4	42.1	42.0	42.1	42.2	42.0	43.0
17	42.6	42.7	43.0	43.3	42.7	43.0	42.6	43.8	45.2	46.5	48.8	50.3	51.0	52.1	52.7	52.0	52.0	50.3	48.4	47.4	46.6	46.0	46.6	47.0
18	48.4	48.5	48.9	48.3	48.7	49.8	49.4	50.7	50.7	51.7	52.6	53.4	53.1	52.6	57.4	52.0	51.4	51.0	50.4	50.0	49.3	49.1	48.4	48.4
19	48.0	47.0	46.3	46.6	47.2	47.1	46.7	47.8	48.4	50.0	50.4	51.0	51.6	51.1	51.7	51.4	50.2	49.4	48.0	46.7	47.1	47.3	47.0	46.9
20	46.1	45.3	44.6	45.2	44.9	45.7	45.0	46.8	48.8	50.6	51.3	51.8	53.2	53.3	53.7	53.6	52.7	51.1	50.1	49.0	48.5	47.0	49.0	48.4
21	48.3	48.2	48.6	49.3	43.4	42.3	42.4	43.5	45.0	44.7	43.6	42.5	42.0	36.8	36.8	36.7	34.8	34.3	34.4	33.4	32.5	32.6	32.5	31.0
22	30.6	31.2	30.1	30.6	30.2	29.4	30.1	31.0	32.4	32.5	33.4	36.6	37.1	37.0	34.6	33.5	33.6	30.1	30.7	30.2	30.5	29.4	29.7	30.6
23	30.6	30.6	30.3	30.0	30.8	31.0	31.7	33.1	33.8	34.6	32.7	33.5	33.8	34.8	35.5	36.1	32.7	33.3	32.3	32.6	32.7	32.8	32.3	32.4
24	30.9	31.6	31.7	30.6	30.1	26.6	26.9	26.5	27.6	29.3	31.0	32.0	31.9	33.2	33.4	30.6	30.1	30.8	30.7	30.5	28.2	28.8	32.0	33.0
25	32.3	32.4	31.1	30.9	32.1	31.5	31.8	32.7	32.0	32.9	35.1	34.3	34.3	36.6	36.4	36.0	33.7	31.9	32.1	31.0	31.0	31.0	30.3	30.1
26	30.6	30.9	30.6	30.4	29.6	29.7	29.8	32.6	34.0	36.0	36.8	37.0	36.6	35.7	34.8	33.4	32.6	32.1	31.8	32.0	31.6	31.4	31.2	31.2
27	30.0	30.0	31.4	31.2	29.6	28.6	29.0	31.6	32.6	33.3	34.5	35.2	35.8	37.2	34.3	35.0	35.4	31.9	31.3	29.8	29.6	28.6	27.7	26.7
28	26.7	26.6	26.4	25.7	23.2	24.2	22.1	24.4	25.0	28.6	32.4	35.5	36.3	36.7	36.7	35.8	35.6	35.5	34.0	30.6	28.4	26.5	25.3	23.6
29	22.6	22.5	22.4	22.4	24.4	25.3	27.6	29.0	31.4	33.8	33.2	37.7	38.6	38.2	37.6	37.5	35.3	34.0	31.1	30.7	30.3	29.7	29.4	30.5
30	31.8	34.1	32.7	33.4	33.0	33.0	31.8	32.7	35.1	34.3	35.9	37.9	34.3	36.3	34.2	35.9	36.0	34.0	33.2	31.4	29.9	30.1	29.3	28.4
31	29.2	29.0	28.7	28.4	26.7	25.1	26.6	27.3	28.4	29.5	31.9	33.1	33.2	37.0	32.8	33.7	33.6	32.4	32.8	32.7	33.1	33.0	33.3	33.3

WET BULB THERMOMETER 4.1 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
42.1	43.0	43.3	44.1	43.4	44.0	44.5	44.4	44.6	44.4	44.9	44.9	45.3	45.9	46.2	46.4	46.3	46.4	46.5	45.7	44.7	44.2	43.1	42.2	1
41.1	40.8	40.9	39.9	40.7	40.6	40.2	39.5	41.2	42.4	43.6	43.6	44.6	45.2	44.8	44.8	45.1	43.3	42.2	41.7	41.1	41.0	40.5	39.4	2
39.7	39.7	39.6	39.4	39.7	39.6	40.1	40.7	41.7	42.7	43.6	44.4	45.3	45.6	45.3	45.3	45.4	46.0	45.7	45.0	44.8	44.4	45.5	45.1	3
44.0	44.8	45.6	46.4	46.8	46.7	46.8	47.1	47.2	47.7	48.0	47.9	48.0	48.0	47.8	47.6	47.4	45.4	44.8	45.0	43.6	42.9	42.4	41.4	4
39.3	37.1	36.1	35.9	35.1	35.7	35.3	36.0	38.4	39.8	41.4	42.5	43.1	43.6	43.7	44.4	44.4	44.3	43.6	42.0	41.0	40.3	40.0	40.8	5
41.5	42.4	43.7	45.3	45.0	44.8	45.0	44.8	45.5	45.9	44.7	44.4	45.3	45.0	45.3	43.4	40.3	39.0	36.5	36.2	35.6	35.1	34.4	34.3	6
34.4	34.6	34.8	35.2	35.0	35.5	36.0	36.9	37.5	39.9	46.7	46.7	47.2	47.4	46.4	45.5	42.9	39.9	37.3	35.9	33.9	33.3	33.6	33.6	7
33.7	33.2	33.1	32.6	33.6	33.0	32.8	32.9	*	33.3	33.0	33.0	*	*	31.4	31.0	29.0	28.6	28.3	28.3	28.0	28.7	28.6	28.6	8
28.6	29.0	28.6	28.9	28.5	28.6	28.4	29.2	*	30.1	30.4	31.4	...	*	...	34.0	33.7	33.4	33.3	33.7	34.4	34.6	35.1	35.2	9
35.6	36.0	36.3	36.4	36.4	36.3	36.4	38.5	40.1	41.0	41.5	41.9	41.4	41.7	42.2	42.3	42.0	41.6	41.3	41.2	41.1	40.4	39.7	38.9	10
38.7	38.0	36.6	36.3	36.3	36.3	37.0	38.9	41.0	41.5	40.7	41.1	39.9	39.0	38.8	37.0	35.7	34.1	33.9	33.4	32.6	32.6	32.3	32.7	11
33.6	33.8	33.6	33.6	33.8	34.2	34.4	34.6	34.9	35.1	35.6	35.1	35.2	34.9	34.6	34.5	34.0	33.5	32.7	32.6	31.6	*	*	30.6	12
30.8	30.8	31.5	31.0	31.6	31.8	...	*	...	†36.0	37.4	36.1	36.3	36.7	37.1	37.0	37.2	36.3	34.5	33.8	32.7	32.3	31.2	31.4	13
31.4	31.6	31.6	31.6	32.2	32.1	32.3	32.9	33.6	35.9	37.0	37.9	38.7	39.0	39.7	39.8	39.4	39.2	37.7	36.4	35.8	36.1	35.2	34.9	14
34.2	33.6	33.7	34.4	34.7	35.1	35.6	36.6	38.1	39.0	39.6	38.8	39.0	39.0	38.2	38.2	38.2	38.9	38.6	38.5	36.9	35.6	34.7	35.0	15
34.8	34.7	34.6	34.4	34.1	32.6	32.7	32.0	35.0	36.7	38.4	38.5	39.0	39.0	38.8	39.7	39.3	39.4	39.4	39.6	39.8	40.1	39.9	39.6	16
39.6	39.7	39.5	39.3	39.1	38.9	39.0	39.6	41.2	42.2	44.2	45.6	45.6	46.3	47.0	46.7	46.6	44.9	45.6	43.5	43.2	42.6	42.7	43.6	17
44.6	44.5	44.0	43.8	43.5	44.3	44.9	46.0	46.7	47.6	48.6	49.0	48.5	48.0	48.0	48.0	47.6	47.1	46.8	46.5	46.4	46.2	45.6	45.6	18
44.8	43.4	42.6	42.8	43.5	44.0	44.3	44.6	45.0	45.5	46.4	45.9	44.8	44.8	45.3	45.0	44.5	44.1	43.0	42.8	43.1	43.4	43.4	43.0	19
42.9	42.1	41.6	41.8	41.5	41.7	41.6	42.7	44.4	45.0	45.3	46.4	45.1	45.7	46.2	46.2	46.4	46.1	45.6	44.5	44.1	43.3	43.6	43.8	20
44.0	43.7	43.9	44.3	41.7	40.4	40.1	40.0	39.8	39.5	40.0	38.8	37.2	35.1	34.6	33.6	32.0	*	*	30.6	30.5	†30.4	29.8	29.7	21
29.3	29.1	29.4	29.3	28.8	29.2	29.6	29.2	30.0	31.0	31.3	31.6	...	*	...	31.3	31.2	30.0	29.3	28.7	29.3	29.0	29.5	29.4	22
29.0	29.1	28.6	28.4	28.9	28.6	29.6	30.7	31.6	*	*	†32.9	32.5	33.0	33.4	33.4	...	*	...	31.2	31.8	*	*	31.0	23
29.6	30.5	30.4	30.2	29.4	26.6	25.4	25.6	26.6	27.9	29.6	29.3	30.5	31.3	31.1	29.3	28.5	28.9	28.5	28.0	26.1	27.2	30.9	31.4	24
30.7	30.3	29.5	29.4	30.7	30.4	30.4	31.3	31.8	...	*	...	32.5	33.4	33.8	33.8	*	*	30.7	29.9	29.8	30.2	29.5	28.9	25
29.3	29.4	29.0	29.8	28.1	28.8	28.6	31.4	*	†33.0	33.4	33.6	33.5	33.6	33.8	33.1	32.5	31.9	...	*	...	†31.6	*	30.6	26
29.3	29.3	30.6	30.6	29.2	27.6	28.6	30.8	31.4	*	*	†33.6	33.8	34.0	*	32.5	31.6	*	29.1	28.6	28.1	27.3	26.6	25.8	27
25.7	25.5	25.4	25.0	22.7	23.3	21.5	23.5	23.9	26.6	29.3	31.0	*	31.6	31.8	31.0	30.9	30.9	30.2	28.4	26.6	24.9	24.0	22.6	28
21.6	21.6	21.4	21.2	22.9	24.3	27.0	28.6	30.2	†32.4	*	34.0	33.8	33.1	32.4	32.0	*	30.9	29.6	29.6	29.1	28.6	28.2	29.4	29
31.0	...	...	...	*	...	...	...	33.0	33.4	34.3	35.7	33.6	34.9	33.4	34.0	33.1	*	*	30.3	29.1	28.5	27.6	26.9	30
27.4	27.5	27.4	26.5	25.1	23.8	24.8	25.3	26.2	27.2	29.3	30.1	*	28.6	29.4	30.3	30.7	30.8	31.4	31.3	...	*	...	31.7	31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10′ N. LONG: 2°6′ W.

HOURLY VALUES March 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	16	13	15	13	14	14	14	16	13	13	16	9·5	13	13	17	16	14	19	14	16	14	18	16	17
2	22	10·5	19	6·5	19	8·5	19	10·5	19	10·5	22	12	21	12	18	10·5	20	15	22	13	23	18	23	16
3	18	8·5	18	7·5	18	6·5	18	6·5	18	4	18	8·5	18	6·5	18	8·5	18	8·5	18	9·5	18	14	18	15
4	14	19	14	13	16	11	19	15	19	11	20	12	19	23	18	20	19	21	19	29	19	40	18	26
5	22	14	22	15	21	19	21	21	20	14	20	18	20	23	19	15	20	24	22	25	20	24	20	24
6	16	13	18	20	19	20	20	23	20	16	21	15	23	16	23	23	23	26	23	34	24	42	25	43
7	25	25	25	22	22	7·5	22	4	22	6·5	20	7·5	18	9·5	17	10·5	17	13	18	12	22	18	23	28
8	25	40	25	37	25	34	25	35	25	41	27	27	26	22	27	24	26	23	26	24	27	26	27	29
9	26	11	26	14	26	12	26	12	26	11	26	8·5	26	6·5	26	7·5	23	10·5	22	7·5	22	9·5	16	9·5
10	16	12	16	13	18	15	18	10·5	18	6·5	18	4	18	3	22	7·5	22	10·5	23	19	23	15	23	15
11	22	13	20	9·5	20	10·5	20	9·5	20	9·5	20	6·5	20	9·5	20	10·5	23	20	23	26	24	43	25	41
12	26	28	26	23	26	20	26	19	26	19	26	19	26	15	26	17	24	16	26	18	27	17	27	24
13	29	15	28	15	27	16	27	21	28	17	28	16	27	26	27	24	27	26	28	20	31	25	2	24
14	28	5·5	28	4	28	3	28	4·5	28	4·5	28	3	28	4	28	6·5	28	6·5	28	6·5	27	13	27	7·5
15	30	9·5	30	10·5	28	10·5	28	9·5	28	8·5	28	10·5	28	8·5	28	7·5	28	5·5	4	9·5	3	7·5	3	4
16	6	5·5	6	5·5	6	5·5	6	4	28	4·5	28	5·5	28	3	28	4·5	28	4	28	3	5	5·5	9	6·5
17	9	6·5	9	5·5	19	7·5	24	8·5	24	6·5	24	4·5	24	7·5	22	10·5	22	10·5	22	8·5	22	7·5	22	7·5
18	24	12	22	12	22	16	23	11	23	14	24	22	22	17	25	31	25	34	25	30	26	34	26	34
19	25	33	25	27	26	22	26	19	26	21	25	21	25	18	26	23	26	23	26	25	26	28	26	30
20	24	6·5	24	6·5	22	9·5	22	8·5	21	8·5	21	9·5	21	8·5	21	9·5	20	11	19	10·5	20	8·5	18	6·5
21	20	12	18	10·5	21	9·5	24	17	28	11	26	14	24	10·5	26	17	24	18	26	29	26	25	26	31
22	24	20	25	23	26	18	26	20	26	16	26	21	26	18	26	20	26	27	26	23	26	28	27	24
23	26	21	26	20	26	26	26	28	26	31	26	29	25	29	25	26	26	25	27	25	26	27	28	17
24	26	17	26	21	25	22	25	21	26	19	26	25	26	24	25	30	26	26	26	29	26	25	23	11
25	29	12	28	12	28	14	28	15	27	15	26	19	26	17	29	13	27	18	27	14	2	12	28	20
26	26	19	26	21	26	15	25	20	24	13	24	9·5	24	9·5	24	16	25	19	26	20	26	20	26	19
27	26	9·5	26	13	26	12	26	10·5	26	10·5	26	14	26	12	26	18	26	17	26	16	26	17	26	17
28	27	13	26	14	26	14	26	13	26	10·5	26	6·5	26	7·5	26	5·5	26	9·5	26	6·5	26	6·5	26	5·5
29	11	14	11	14	11	14	11	17	26	22	26	19	26	19	26	25	26	22	27	23	27	18	31	21
30	26	19	29	12	29	12	28	16	30	16	29	13	28	15	28	14	27	21	29	19	27	20	28	17
31	23	10·5	24	17	26	16	25	16	23	11	24	8·5	23	11	22	14	24	19	24	20	22	21	23	20

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V
1	17	9·5	16	10·5	17	12	18	11	17	10·5	17	9·5	17	7·5	18	5·5	21	9·5	23	8·5	23	8·5	22	12
2	22	14	22	14	22	12	20	16	23	12	22	11	22	14	21	10·5	21	9·5	21	11	21	13	20	8·5
3	17	11	16	11	14	11	14	7·5	15	8·5	18	11	17	13	17	13	15	11	18	9·5	16	8·5	15	9·5
4	16	19	17	12	13	10·5	18	16	17	9·5	27	6·5	27	3	27	4	19	13	20	10·5	19	11	22	12
5	21	29	22	25	21	26	20	23	21	21	21	12	21	5·5	22	9·5	23	8·5	18	6·5	18	9·5	18	14
6	25	47	25	49	25	46	27	34	29	22	27	24	26	20	26	22	30	29	27	29	26	24	26	26
7	23	40	23	47	24	39	25	27	24	39	25	41	25	47	25	47	25	44	24	43	24	43	26	42
8	28	33	28	35	28	31	29	25	27	25	27	24	27	17	28	14	27	13	29	12	26	14	26	13
9	15	11	16	13	15	13	17	10·5	17	13	16	13	16	13	16	12	16	12	17	12	17	15	16	15
10	23	15	23	17	22	11	22	14	18	9·5	20	16	19	13	19	13	22	13	22	16	22	15	22	11
11	25	48	24	47	25	43	26	42	26	42	25	32	26	31	26	32	26	36	25	37	26	40	26	31
12	26	20	28	18	28	17	29	15	30	15	28	11	28	12	28	11	29	13	28	14	29	13	28	15
13	1	22	2	16	2	15	1	15	32	7·5	32	6·5	32	6·5	32	7·5	28	7·5	28	9·5	28	9·5	28	7·5
14	32	8·5	1	5·5	2	8·5	7	7·5	7	5·5	7	3	7	4	7	5·5	7	5·5	30	7·5	30	6·5	30	8·5
15	5	9·5	6	8·5	6	6·5	6	3	6	5·5	6	4·5	6	3	6	3	6	5·5	6	5·5	6	5·5	6	7·5
16	9	8·5	9	8·5	9	8·5	9	5·5	9	4	9	4	9	3	9	2	9	2	9	1·5	9	3	9	7·5
17	22	8·5	24	10·5	24	19	23	13	23	10·5	25	12	25	12	24	6·5	24	8·5	24	7·5	23	9·5	23	9·5
18	26	36	26	34	26	34	26	41	26	32	26	32	26	29	26	28	26	24	26	23	26	25	25	27
19	26	30	26	23	27	24	26	22	26	16	25	12	25	9·5	24	6·5	24	6·5	24	5·5	24	5·5	24	6·5
20	24	16	23	13	24	10·5	22	11	22	12	21	12	21	10·5	21	12	22	12	21	9·5	18	13	21	12
21	27	32	27	23	30	22	27	22	27	21	26	17	27	18	26	13	26	18	25	18	25	23	25	22
22	26	28	26	24	27	29	26	21	27	23	28	21	27	21	26	16	27	17	27	17	28	19	26	20
23	32	18	28	17	28	18	26	19	26	17	26	20	26	20	26	18	26	24	27	19	26	23	26	20
24	24	9·5	32	11	32	19	2	20	31	12	28	13	28	14	29	13	29	12	28	12	30	15	30	18
25	26	21	27	18	27	17	31	20	26	17	28	14	26	19	26	19	28	16	28	10·5	26	14	26	20
26	26	15	26	7·5	26	4	26	3	26	4·5	26	6·5	26	7·5	26	5·5	26	7·5	26	6·5	26	10·5	26	9·5
27	26	17	29	16	26	14	26	13	28	10·5	28	13	27	12	27	14	27	13	27	13	27	14	27	14
28	20	7·5	13	7·5	13	10·5	12	7·5	11	7·5	11	4·5	11	4	11	8·5	11	10·5	11	14	11	15	11	14
29	30	24	30	26	29	23	28	21	26	20	28	25	26	20	27	20	26	20	26	19	26	18	26	21
30	27	18	30	16	28	18	29	14	28	17	28	17	26	18	27	16	25	17	25	18	25	10·5	25	11
31	23	19	24	24	24	24	24	24	24	27	25	25	25	23	24	24	25	26	24	29	24	31	24	28

Rejected

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·045	·055	·010	·010	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	·030	·015	-	-	-	-	-	-
7	-	-	-	-	-	-	-	·030	·020	·005	-	-	-	-	-	·020	·005	·005	-	·020	·010	·010	-	-
8	·005	-	-	-	·005	·010	·005	·005	·010	·070	·020	-	-	-	-	-	-	-	-	-	Snow	-	-	-
9	Melted snow at 10am =									·020	-	-	-	-	-	-	-	-	·005	·010	·010	·010	·010	·025
10	·030	·015	·015	·005	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	·015	-	-	-	-	-	-	-	-	-	-	-	-	-	·005
14	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	·010	-	-	-	-	-	-	-	·015	·005	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	·060	·050	·010	-	-	-	·010	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	·080	·030	-	·010	·010	·020	·020	-	·005	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	·025	·100	-	-	·010	·030	-	·010	·030	·010	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	·010	·040	-	-	-	-	-	·010	·010	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	·070	·090	-	-	-	-	-	·020	·010	·005	-	-	-	-	-	-
27	-	-	-	-	-	-	-	·030	·170	·075	-	-	-	-	·005	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	·010	·010	·015	·005	-	-	-	-	-	Snow	-	-	-	-	-	-
30	-	-	-	-	-	-	-	·005†	·085	·100	-	-	·040	·030	·050	·030	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Melted snow

VAPOUR TENSION. IN INCHES BY GLAISHERS TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	·242	·251	·264	·270	·261	·267	·272	·273	·273	·278	·279	·281	·287	·296	·298	·296	·296	·299	·300	·282	·264	·247	·242	·232
2	·226	·223	·221	·217	·218	·216	·206	·209	·212	·218	·225	·217	·229	·230	·224	·235	·250	·227	·220	·216	·211	·214	·209	·202
3	·209	·211	·217	·210	·215	·215	·223	·226	·229	·238	·243	·252	·269	·273	·278	·280	·280	·283	·276	·270	·270	·270	·274	·273
4	·271	·275	·276	·270	·280	·280	·286	·290	·296	·297	·300	·299	·303	·307	·308	·316	·316	·288	·289	·293	·257	·248	·242	·230
5	·206	·189	·179	·176	·171	·177	·169	·177	·195	·194	·208	·220	·218	·221	·220	·233	·240	·246	·243	·231	·225	·219	·213	·218
6	·230	·239	·263	·259	·263	·261	·249	·241	·250	·251	·237	·240	·247	·243	·242	·267	·231	·213	·187	·190	·177	·176	·169	·169
7	·170	·171	·172	·181	·180	·179	·181	·200	·209	·230	·278	·265	·269	·265	·277	·278	·223	·217	·172	·167	·149	·170	·164	·159
8	·155	·149	·156	·137	·173	·176	·169	·169	*	·170	·154	·158	*	*	·137	·131	·108	·105	·105	·106	·107	·123	·123	·126
9	·129	·139	·130	·134	·127	·128	·126	·130	*	·129	·126	·131	...	*	...	·160	·166	·173	·178	·186	·191	·194	·200	·199
10	·202	·205	·206	·208	·208	·207	·207	·207	·216	·211	·216	·211	·202	·200	·209	·211	·213	·216	·223	·228	·215	·212	·209	·206
11	·201	·193	·184	·182	·183	·188	·195	·206	·203	·208	·190	·195	·180	·172	·185	·185	·163	·153	·161	·166	·154	·149	·138	·147
12	·159	·171	·165	·167	·167	·171	·179	·182	·178	·171	·172	·162	·161	·164	·162	·171	·165	·167	·154	·156	·141	*	*	·127
13	·131	·131	·145	·132	·143	·144	...	*	...	†·192	·190	·159	·159	·166	·171	·171	·179	·176	·174	·170	·167	·162	·155	·154
14	·155	·153	·156	·155	·155	·161	·159	·163	·168	·179	·180	·180	·180	·184	·187	·213	·211	·218	·209	·197	·192	·198	·193	·189
15	·184	·178	·178	·185	·187	·193	·196	·202	·213	·217	·225	·204	·206	·213	·196	·197	·199	·213	·214	·216	·204	·193	·190	·191
16	·189	·190	·190	·189	·186	·178	·178	·173	·190	·195	·204	·203	·206	·205	·201	·211	·204	·210	·213	·218	·220	·225	·223	·208
17	·210	·213	·206	·199	·202	·195	·201	·200	·217	·224	·241	·254	·247	·251	·260	·260	·258	·240	·232	·239	·241	·236	·231	·245
18	·252	·249	·236	·237	·228	·232	·249	·258	·273	·283	·294	·295	·287	·281	·283	·287	·286	·278	·278	·276	·281	·279	·273	·273
19	·259	·241	·233	·233	·241	·252	·264	·259	·262	·255	·269	·253	·227	·231	·236	·240	·234	·233	·224	·232	·234	·238	·241	·234
20	·241	·253	·229	·227	·225	·222	·225	·229	·244	·240	·239	·256	·221	·231	·236	·237	·248	·256	·256	·245	·241	·239	·228	·236
21	·242	·234	·236	·238	·245	·230	·223	·210	·194	·191	·209	·199	·177	·186	·177	·162	·150	*	*	·137	·143	†·140	·130	·142
22	·139	·127	·150	·140	·133	·157	·154	·131	·134	·152	·149	·131	...	*	...	·149	·146	·166	·138	·131	·141	·152	·161	·141
23	·132	·135	·127	·126	·128	·119	·132	·141	·151	*	*	†·180	·168	·166	·169	·164	...	*	...	·155	·167	*	*	·153
24	·142	·153	·149	·159	·149	·145	·101	·116	·121	·124	·140	·124	·148	·151	·146	·139	·127	·128	·120	·112	·098	·114	·149	·155
25	·148	·140	·157	·137	·150	·152	·148	·157	·177	...	*	...	·163	·159	·168	·172	*	*	·150	·145	·144	·153	·149	·136
26	·139	·137	·132	·155	·124	·141	·134	·160	*	†·158	·157	·159	·161	·170	·182	·185	·184	·179	...	...	*	...	...	·161
27	·148	·148	·158	·161	·153	·141	·148	·159	·160	*	*	†·174	·174	·163	*	·156	·140	*	·126	·134	·124	·120	·119	·117
28	·114	·111	·112	·115	·108	·100	·098	·102	·097	·104	·122	·130	*	·134	·133	·128	·128	·129	·125	·119	·106	·096	·094	·094
29	·086	·091	·087	·081	·083	·104	·132	·148	·148	·166	*	·159	·149	·142	·137	·131	*	·137	·139	·145	·139	·136	·130	·143
30	·161	...	...	...	*	...	...	...	·163	·180	·181	·186	·184	·188	·182	·176	·160	*	*	·151	·145	·127	·116	·114
31	·114	·118	·121	·104	·097	·094	·092	·092	·097	·106	·125	·131	*	·111	·121	·129	·137	·149	·157	·157	...	*	...	·158

*Record defective or Instrument out of action. †Obtained from reading of Standard.

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50°9' N LONG 5°4' W

HOURLY VALUES March 1878.

BAROMETER. CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.	Days
1	29.681	29.657	29.637	29.600	29.593	29.577	29.577	29.578	29.578	29.563	29.560	29.551	29.540	29.532	29.520	29.506	29.510	29.511	29.504	29.510	29.510	29.520	29.514	29.511	1
2	29.516	29.540	29.582	29.630	29.666	29.690	29.726	29.770	29.792	29.832	29.863	29.881	29.898	29.921	29.941	29.971	29.990	30.025	30.041	30.071	30.083	30.103	30.111	30.127	2
3	30.145	30.142	30.142	30.147	30.162	30.171	30.185	30.207	30.225	30.245	30.257	30.261	30.263	30.251	30.265	30.269	30.270	.287	.297	.310	.303	.309	.311	.317	3
4	.328	.333	.330	.321	.321	.319	.315	.319	.313	.315	.315	.313	.308	.283	.265	.266	.265	.258	.258	.259	.263	.271	.277	.288	4
5	.301	.315	.333	.355	.383	.399	.411	.428	.447	.453	.453	.450	.440	.421	.393	30.365	.340	.330	.328	.323	.320	.320	.314	.306	5
6	.290	.253	.246	.246	.216	.202	.188	.164	.162	.154	.126	.110	.086	.054	.025	29.996	.007	.024	.024	.018	30.044	30.064	30.075	30.082	6
7	30.082	30.087	30.079	30.080	30.080	30.080	30.094	.098	.099	.098	.102	.108	.087	.058	.047	30.039	.024	.024	.012	.026	29.999	29.992	29.972	29.964	7
8	29.960	29.949	29.927	29.924	29.945	29.954	29.984	.012	.032	.052	.065	30.059	30.063	30.059	30.055	30.048	30.057	30.063	30.068	30.065	30.059	30.051	30.047	30.053	8
9	30.045	30.043	30.029	30.015	30.005	30.003	30.005	30.003	30.007	30.009	30.002	29.982	29.968	29.944	29.924	29.908	29.892	29.888	29.885	29.876	29.872	29.858	29.848	29.839	9
10	29.837	29.802	29.784	29.790	29.804	29.822	29.846	29.880	29.902	29.924	29.947	29.966	29.986	29.998	30.010	30.024	30.047	30.074	30.092	30.106	30.126	30.142	30.156	30.157	10
11	30.160	30.172*	30.170	30.174	30.184	30.186	30.192	30.194	30.199	30.207	30.208	30.208	30.203	30.198	.188	.180	.175	.178	.182	.184	.173	.175	.173	.168	11
12	.156	.144	.133	.140	.140	.120	.135	.144	.153	.161	.157	.160	.162	.163	.162	.160	.160	.173	.172	.175	.182	.175	.170	.168	12
13	.162	.154	.144	.138	.135	.132	.145	.160	.173	.185	.203	.209	.211	.201	.196	.191	.199	.213	.229	.246	.259	.267	.283	.295	13
14	.298	.301	.295	.295	.291	.297	.299	.305	.316	.319	.317	.306	.301	.279	.266	.258	.254	.244	.244	.242	.238	.232	.234	.226	14
15	.227	.220	.216	.202	.197	.201	.206	.214	.224	.234	.245	.243	.243	.233	.226	.231	.239	.255	.266	.283	.288	.299	.306	.315	15
16	.329	.341	.336	.335	.343	.355	.369	.389	.401	.417	.424	.424	.424	.418	.418	.416	.416	.418	.434	.440	.450	.448	.448	.444	16
17	.439	.437	.432	.424	.426	.427	.434	.439	.439	.440	.450	.445	.438	.433	.428	.421	.421	.426	.426	.426	.420	.407	.397	.385	17
18	.378	.353	.333	.320	.323	.321	.317	.317	.318	.313	.310	.302	.285	.265	.250	.237	.225	.221	.217	.205	.205	.205	.199	.193	18
19	.180	.180	.171	.157	.157	.161	.168	.171	.177	.175	.185	.193	.185	.181	.170	.169	.173	.183	.190	.205	.211	.217	.219	.219	19
20	.210	.207	.203	.200	.200	.203	.209	.221	.231	.243	.246	.245	.241	.233	.227	.219	.215	.215	.219	.217	.222	.219	.214	30.207	20
21	30.197	30.181	30.171	30.161	30.157	30.157	30.164	30.166	30.165	30.157	30.156	30.141	30.129	30.103	30.089	30.079	30.069	30.071	30.065	30.051	30.041	30.023	30.007	29.991	21
22	29.969	29.953	29.929	29.905	29.885	29.871	29.871	29.869	29.865	29.859	29.851	29.831	29.810	29.784	29.772	29.754	29.750	29.734	29.729	29.734	29.729	29.732	29.726	.718	22
23	.712	.702	.689	.686	.686	.688	.688	.694	.694	.696	.713	.703	.691	.682	.669	.659	.649	.643	.615	.595	.579	.555	.536	.507	23
24	.487	.455	.439	.451	.469	.487	.502	.516	.523	.539	.539	.529	.523	.489	.494	.493	.494	.499	.514	.519	.521	.514	.504	.499	24
25	.499	.497	.497	.523	.543	.579	.599	.629	.661	.683	.713	.742	.762	.778	.786	.796	.820	.842	.864	.880	.890	.890	.893	.905	25
26	.910	.905	.905	.912	.920	.924	.930	.940	.952	.954	.958	.952	.948	.941	.932	.926	.914	.913	.908	.898	.878	.865	.850	.838	26
27	.818	.804	.770	.744	.724	.718	.704	.700	.691	.686	.675	.653	.624	.614	.603	.583	.577	.561	29.549	29.537	29.529	29.513	29.493	29.469	27
28	29.449	29.411	29.383	29.344	29.313	29.291	29.271	29.256	29.232	29.209	29.201	29.157	29.137	.105	.081	.044	.019	.003	28.986	28.967	28.946	28.929	28.911	28.884	28
29	28.863	28.839	28.817	28.803	28.808	28.817	28.831	28.859	28.876	28.909	28.951	28.978	28.996	.028	.054	.088	.102	.142	29.164	29.196	29.228	29.254	29.262	29.262	29
30	29.269	29.276	29.284	29.296	29.292	29.294	29.290	29.286	29.278	29.312	29.310	29.314	29.330	.340	.356	.364	.382	.416	.434	.454	.466	.472	.480	29.480	30
31	29.476	29.462	29.444	29.436	29.430	29.430	29.424	29.421	29.404	29.380	29.374	29.339	29.312	29.292	29.255	29.229	29.187	29.159	29.115	29.073	29.027	29.014	29.002	28.969	31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	52.3	52.3	52.2	52.1	52.0	52.2	52.8	52.7	53.0	53.3	53.6	53.4	53.0	52.9	53.0	53.0	52.9	52.8	52.7	52.7	52.9	52.3	52.3	52.3
2	50.5	50.3	50.0	50.0	49.3	48.9	48.8	48.0	50.0	50.8	52.0	52.0	52.3	52.8	52.0	51.2	50.5	48.8	46.9	46.0	46.0	47.3	47.0	45.4
3	45.2	44.9	44.4	43.5	44.2	43.9	45.0	45.5	47.8	49.8	52.9	52.3	52.2	53.0	53.1	52.4	51.6	50.7	50.1	49.9	49.2	48.4	48.5	48.4
4	48.2	48.2	48.2	48.3	48.0	48.1	48.0	48.1	48.6	49.0	49.6	49.8	50.4	50.4	49.9	49.5	49.4	49.3	49.0	49.0	48.7	48.1	48.8	47.7
5	47.7	46.9	46.0	45.2	44.6	44.0	43.3	44.0	47.0	48.8	50.0	50.2	51.0	50.1	50.5	49.5	46.5	46.9	48.4	49.4	50.7	51.0	50.9	50.9
6	50.8	50.3	50.0	49.9	50.0	50.0	49.9	50.0	50.9	51.1	52.5	52.4	52.3	51.7	52.3	52.2	51.8	51.6	51.2	51.0	51.0	51.2	50.8	50.7
7	50.3	50.4	50.9	50.8	51.1	51.1	50.9	50.9	51.7	53.0	54.6	54.1	54.2	54.3	54.4	53.0	51.3	50.0	49.7	49.6	49.2	48.6	48.8	49.6
8	50.2	50.0	50.2	49.9	50.0	49.9	49.6	49.3	49.7	49.7	49.8	50.2	50.0	49.5	50.1	49.5	48.7	47.7	48.0	48.0	47.4	46.6	45.9	46.0
9	44.9	45.0	45.1	45.0	45.0	44.6	45.0	46.6	46.9	47.2	48.6	49.6	50.4	49.8	51.3	51.4	48.9	47.9	47.9	47.5	47.0	46.2	46.8	47.1
10	47.1	47.9	48.4	46.7	46.3	45.9	46.0	46.7	47.8	48.2	48.7	49.0	49.6	49.6	49.6	49.0	48.5	47.6	46.8	46.4	46.5	46.7	46.9	47.3
11	47.1	48.0	48.1	48.0	47.8	46.8	46.3	47.0	48.6	48.6	49.9	50.0	49.6	50.7	50.4	50.3	49.7	48.9	48.2	48.6	48.3	49.0	49.2	49.0
12	49.6	49.7	50.0	50.1	50.3	49.7	49.6	49.9	51.2	52.2	52.9	53.4	53.8	52.7	51.8	51.2	51.2	50.8	50.4	50.4	50.5	50.3	50.2	50.0
13	50.0	50.0	49.9	50.0	49.9	49.7	49.7	48.9	49.3	49.2	49.5	48.5	48.3	48.9	48.9	49.1	48.7	47.3	45.9	46.5	46.0	44.9	43.7	42.6
14	42.0	41.7	41.6	40.9	40.7	37.3	39.7	40.8	41.5	42.2	42.5	43.1	44.0	43.9	43.7	42.8	42.0	41.5	40.4	40.3	38.8	37.5	37.0	36.9
15	37.1	35.9	36.4	35.9	35.9	35.8	35.9	37.0	40.2	43.2	44.6	45.5	46.2	46.8	46.9	47.0	46.6	46.0	45.5	45.8	44.6	44.0	43.9	42.9
16	42.9	42.5	41.9	41.0	41.0	40.4	39.2	39.9	41.0	41.5	42.0	42.7	43.5	42.9	42.5	42.7	42.0	41.8	41.9	41.3	40.4	39.2	36.9	35.7
17	34.3	34.0	33.0	32.8	35.4	37.2	37.1	37.9	39.2	40.0	42.2	42.9	44.0	44.4	44.9	45.0	44.8	44.0	41.8	41.7	42.0	42.8	42.2	43.0
18	44.1	44.9	45.8	46.4	46.8	46.7	47.0	47.3	48.5	49.0	50.4	50.7	52.0	52.0	51.8	51.1	51.0	49.3	48.0	47.9	48.3	48.6	48.9	47.9
19	48.6	48.7	48.9	48.6	48.5	48.1	48.0	48.2	49.4	50.2	50.9	51.3	52.0	52.0	51.8	51.5	50.9	49.6	48.6	48.7	48.9	48.8	48.7	48.3
20	48.0	47.7	47.9	47.3	47.1	47.1	47.0	47.2	48.0	48.8	49.6	49.9	49.9	51.0	51.9	50.4	50.2	50.0	49.0	48.3	47.9	47.8	47.3	47.4
21	47.0	46.8	46.9	46.1	46.1	46.1	45.3	46.0	48.0	50.8	51.0	52.5	51.3	51.8	51.3	52.3	51.3	49.6	47.0	46.0	47.0	46.8	45.3	46.2
22	47.0	47.0	46.7	47.0	47.5	47.1	44.9	44.7	44.0	43.2	44.0	44.8	45.0	46.0	46.1	45.0	44.6	43.3	40.6	40.9	41.0	39.3	38.0	38.6
23	36.4	36.0	36.9	36.5	35.9	34.4	34.8	35.7	40.4	40.9	41.6	42.1	42.7	43.1	43.4	43.2	42.8	42.3	42.0	40.0	40.6	39.4	37.9	38.9
24	38.7	38.5	38.8	34.4	36.0	37.0	36.7	39.0	40.0	38.1	39.6	42.3	43.4	43.3	41.0	36.6	39.5	39.1	40.2	40.9	41.4	40.6	40.5	40.3
25	40.2	39.9	39.6	37.2	35.3	35.2	37.7	39.4	41.2	42.1	42.0	40.9	43.3	42.0	43.6	43.5	42.8	41.8	40.7	40.0	39.2	38.7	39.5	39.9
26	39.6	38.9	39.0	38.1	37.9	38.2	38.9	41.4	42.8	44.3	45.0	45.5	46.3	46.1	45.5	45.7	44.7	43.0	40.9	39.9	39.7	39.5	38.5	38.3
27	38.6	38.6	38.2	38.1	38.1	38.3	39.2	42.1	45.7	46.9	48.0	49.0	49.7	49.0	48.0	47.1	46.0	45.3	43.9	43.0	42.9	43.0	43.0	42.8
28	41.9	41.0	40.8	40.4	40.4	40.3	41.0	41.7	43.9	44.0	43.2	44.6	45.1	44.8	44.7	44.4	41.8	40.9	39.8	39.3	38.0	36.7	36.8	37.3
29	36.9	33.9	34.0	34.9	34.0	33.5	35.0	34.6	35.2	32.8	34.0	34.9	35.2	34.7	36.1	37.2	38.1	38.9	39.3	39.8	39.3	39.0	38.3	38.2
30	37.7	37.7	37.7	37.0	36.6	34.0	37.9	38.8	39.3	†32.0	†32.9	38.2	40.0	41.7	41.8	41.9	41.9	41.3	40.8	40.2	39.3	37.6	37.8	37.0
31	35.7	35.0	36.9	37.8	37.1	37.9	38.1	40.3	42.3	44.2	45.0	46.1	48.5	46.7	47.1	46.1	46.8	45.6	45.9	45.8	45.9	42.5	42.0	41.8

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	52.0	52.1	52.1	52.0	52.0	52.1	52.1	52.0	52.4	52.7	52.8	52.8	52.7	52.6	52.5	52.3	52.2	52.1	52.2	52.2	52.0	51.6	51.6	51.4
2	49.2	49.0	49.1	48.5	47.9	47.2	47.0	46.6	48.0	47.6	47.1	47.9	47.6	47.4	47.2	47.9	47.2	46.5	45.1	44.4	44.9	46.0	46.0	44.8
3	44.6	44.0	43.9	43.2	44.1	43.6	45.0	45.0	47.3	47.9	50.3	49.2	49.4	49.4	50.5	50.0	49.6	49.0	47.8	47.4	46.6	45.9	46.1	46.0
4	45.7	45.7	45.8	45.8	45.8	45.4	45.7	45.1	45.6	46.0	46.3	46.2	46.9	46.9	46.7	46.4	46.4	46.2	46.0	46.2	46.9	47.7	48.0	45.8
5	45.6	44.3	42.8	42.0	41.4	40.9	40.3	40.6	43.0	44.0	45.3	44.0	45.5	45.4	45.4	45.5	45.6	46.1	47.6	48.6	49.5	49.6	49.7	49.7
6	49.6	48.8	48.2	47.9	47.9	47.9	47.3	47.4	48.1	48.5	49.5	49.7	50.0	50.1	50.2	50.1	49.9	49.7	49.3	49.0	48.9	48.4	48.0	48.3
7	48.4	48.7	48.9	48.9	49.1	49.2	49.1	49.3	49.7	50.6	51.6	51.2	51.0	49.3	49.5	49.5	49.0	48.1	47.7	47.0	46.3	46.4	46.7	47.6
8	48.1	48.2	48.2	48.0	48.2	48.3	48.0	47.0	45.7	45.0	45.5	45.0	44.7	45.1	44.9	44.8	44.9	44.9	45.8	45.9	45.9	45.0	44.6	44.6
9	43.6	44.0	44.0	43.7	43.8	43.6	44.1	45.2	45.7	46.6	47.7	48.0	48.7	49.0	49.3	49.0	47.3	46.6	46.7	46.4	46.0	45.3	45.7	46.1
10	46.0	46.9	47.6	45.5	44.4	43.4	43.6	44.0	44.5	44.6	44.8	44.9	45.6	45.0	45.4	45.5	45.4	45.1	44.8	44.6	44.8	45.0	45.2	45.5
11	45.6	45.4	45.6	46.4	46.1	45.3	45.0	45.7	46.9	46.7	47.8	47.1	46.9	46.2	46.5	46.6	46.6	46.1	46.2	46.1	45.9	46.7	47.3	47.9
12	48.4	49.0	49.1	49.1	49.0	48.6	48.6	48.6	49.7	50.2	50.6	51.5	51.4	50.9	50.4	50.1	49.8	49.3	49.1	49.0	49.0	49.0	49.0	48.9
13	49.0	49.0	48.9	48.8	48.7	48.6	48.7	48.0	47.2	46.8	46.5	45.5	44.9	45.2	44.9	44.7	44.9	43.3	42.9	43.8	43.1	40.0	39.0	38.2
14	37.2	37.2	39.0	38.7	38.4	36.2	37.9	†36.8	36.8	37.6	37.9	38.5	39.0	38.9	38.7	38.0	37.7	37.2	37.0	36.8	36.4	35.3	35.0	34.9
15	34.9	34.0	34.2	33.9	33.9	33.7	33.7	34.2	37.0	39.1	39.8	39.5	39.6	40.9	40.9	40.9	40.9	41.4	41.2	41.8	39.9	39.8	39.7	39.2
16	39.0	38.7	38.1	37.1	36.1	35.6	35.6	36.0	36.7	35.6	36.0	36.6	37.5	37.2	37.0	36.9	36.9	36.6	37.2	36.9	36.6	35.6	33.9	33.0
17	32.0	31.6	31.0	30.5	32.1	33.5	33.9	34.5	35.6	36.5	38.6	38.5	39.9	39.4	39.9	39.7	39.5	39.7	38.7	38.5	39.0	39.4	39.8	41.0
18	42.2	42.9	43.9	44.8	45.0	45.0	45.3	45.4	46.2	46.5	47.4	47.3	48.6	48.8	48.8	48.2	49.0	†47.2	46.6	46.4	46.9	47.2	47.0	46.2
19	46.6	46.7	46.6	46.4	46.5	46.3	46.2	45.9	46.0	†46.5	47.3	47.4	47.9	46.4	46.6	46.5	46.0	45.9	45.6	45.4	45.0	45.1	44.8	43.9
20	44.5	44.0	44.2	44.3	44.8	45.0	45.0	45.0	45.9	46.3	46.7	46.5	46.5	47.7	47.6	47.2	47.2	46.3	46.0	45.7	45.1	44.9	44.4	44.2
21	44.1	43.7	43.7	43.3	43.3	43.2	42.6	43.0	44.8	46.2	46.8	46.2	46.0	45.9	46.7	45.5	45.5	46.0	45.0	44.3	44.5	44.7	44.2	45.0
22	45.6	45.7	45.3	45.7	46.3	46.3	43.0	42.2	41.0	39.8	40.1	39.9	39.7	40.2	40.1	39.8	40.0	39.9	38.3	38.0	37.0	36.2	34.0	34.6
23	34.0	33.7	33.5	33.4	33.1	33.0	33.5	33.9	34.7	35.6	35.8	†36.1	37.3	37.4	37.7	37.6	37.8	38.0	38.0	37.4	38.4	37.5	36.8	37.3
24	37.5	37.5	37.8	34.1	35.5	35.4	35.0	35.7	36.5	36.3	36.9	36.3	38.0	38.0	37.8	36.2	34.9	34.2	35.4	35.4	36.1	35.6	34.9	35.3
25	36.0	35.7	35.3	35.3	34.4	34.2	35.7	36.0	35.6	†35.8	38.0	37.8	39.2	37.2	38.8	38.3	38.2	36.5	35.6	36.3	36.0	35.8	36.7	36.8
26	37.2	37.0	36.6	35.8	35.7	35.9	37.0	38.1	39.1	39.3	40.4	40.2	40.6	40.8	40.6	40.0	39.7	38.3	37.8	36.6	36.1	36.1	35.0	34.2
27	34.9	35.0	35.0	34.9	35.2	35.6	36.1	39.0	41.6	41.9	43.0	44.1	44.5	44.2	43.8	44.0	43.2	42.9	41.9	41.2	41.5	41.6	41.6	41.2
28	40.6	39.9	39.7	39.4	39.2	39.2	39.3	40.0	41.4	41.2	40.9	41.8	42.1	41.8	41.9	41.4	39.8	38.5	38.3	38.1	37.5	36.2	36.6	36.5
29	35.9	33.5	33.6	33.7	33.5	33.0	33.7	33.5	33.5	32.4	32.9	32.5	32.7	33.0	33.2	33.2	33.4	34.2	34.5	34.9	34.7	34.2	33.5	33.9
30	33.9	33.8	33.4	32.5	33.7	32.2	33.1	35.0	34.6	31.9	31.9	34.2	35.7	35.9	37.5	†37.0	37.4	36.3	35.6	35.0	36.0	34.5	35.1	34.9
31	34.7	34.0	34.7	34.9	34.8	35.0	35.6	37.1	38.9	40.2	42.0	43.4	44.8	44.1	44.3	44.0	44.2	44.0	44.3	44.8	44.7	41.5	41.0	40.7

† Reading of Standard * Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50°9′N. LONG: 5°4′W.

HOURLY VALUES March 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V	DAYS
1	20	35	20	35	20	40	20	39	20	37	20	40	20	44	20	44	20	44	20	43	20	46	20	44	20	46	20	42	20	40	20	41	21	37	21	35	20	38	21	37	21	37	21	32	21	36	21	41	1
2	22	36	25	32	26	23	27	22	27	20	27	17	27	12	27	12	28	16	28	17	28	21	27	19	28	19	28	15	28	18	27	14	27	12	27	7·5	27	8·5	27	8·5	27	10·5	27	11	27	10·5	25	10·5	2
3	25	8·5	25	10·5	25	10·5	25	8·5	24	5·5	24	6·5	23	6·5	23	5·5	21	10·5	20	12	19	13	19	16	21	18	21	15	21	16	22	15	21	14	21	11	20	12	19	14	19	15	19	13	19	14	3
4	19	14	20	17	20	12	20	12	19	10·5	19	14	19	11	19	14	18	17	17	19	17	24	17	22	17	21	18	21	18	23	18	22	19	19	19	19	21	20	21	20	22	25	22	19	26	20	27	21	4
5	27	19	28	21	28	18	28	15	28	15	28	11	28	12	26	14	26	15	25	19	25	23	24	22	23	23	23	22	22	24	22	32	22	33	22	30	23	24	24	25	24	30	24	30	25	28	25	30	5
6	25	29	25	31	25	35	25	29	24	32	24	36	24	36	24	37	24	37	24	33	24	39	25	35	25	42	25	36	25	37	25	36	25	34	26	28	26	26	26	26	27	24	27	20	27	22	28	22	6
7	27	25	26	24	26	24	26	25	27	23	26	21	26	19	25	24	25	23	25	24	26	31	25	27	25	26	26	27	25	29	25	29	25	28	26	29	25	30	26	22	25	26	25	28	26	29	26	36	7
8	26	33	26	36	26	35	26	31	26	28	27	29	27	21	28	20	28	27	29	21	28	24	27	22	28	27	20	27	26	27	20	28	15	27	10·5	27	9·5	27	9·5	27	7·5	26	10·5	26	9·5	26	9·5	8
9	26	9·5	26	10·5	26	8·5	26	7·5	26	3	26	3	26	4	26	3	26	4·5	26	4	26	5·5	16	10·5	16	11	23	8·5	22	5·5	22	11	23	15	22	10·5	22	10·5	23	11	23	13	22	12	22	12	9
10	22	14	22	15	23	23	26	22	26	21	27	24	27	22	28	23	28	27	27	27	27	31	28	28	27	28	28	24	27	25	27	22	27	20	26	16	26	16	27	17	27	14	27	14	27	13	27	12	10
11	27	11	27	10·5	25	10·5	25	12	25	12	25	13	25	14	25	17	26	18	26	19	26	21	26	21	26	22	25	23	25	24	26	25	25	23	24	21	24	17	24	15	24	19	25	22	24	20	25	24	11
12	25	26	25	23	26	24	26	23	26	22	26	23	26	21	27	26	27	29	27	26	27	31	27	29	27	27	27	26	27	25	27	23	27	22	28	19	27	14	27	13	27	13	26	14	26	16	27	14	12
13	27	13	27	13	27	14	28	15	29	15	30	16	30	16	1	15	30	14	30	14	32	17	1	16	1	16	32	15	30	15	31	13	31	15	32	16	1	13	11	12	11	13	7	22	8	21	8	19	13
14	9	15	8	14	8	15	9	13	9	12	31	7·5	4	13	8	18	9	13	9	13	7	10·5	10	12	9	13	11	12	10	10·5	9	10·5	9	7·5	8	7·5	8	5·5	8	5·5	8	4	8	4	8	5·5	8	4·5	14
15	8	4·5	8	4·5	8	5·5	8	6·5	31	5·5	31	8·5	31	5·5	31	5·5	31	5·5	2	8·5	8	10·5	8	10·5	8	9	11	6·5	11	5·5	11	4·5	11	4·5	11	8·5	10	8·5	5	11	4	16	5	18	6	16	4	17	15
16	6	19	4	18	4	17	4	19	4	18	3	16	3	16	4	13	4	17	6	18	6	21	7	18	6	16	7	16	6	14	8	11	8	9·5	8	6·5	7	4·5	32	6·5	2	9·5	4	6·5	32	5·5	32	4·5	16
17	32	6·5	32	5·5	32	6·5	29	8·5	30	9·5	1	5·5	1	5·5	28	3	28	4	28	4·5	26	7·5	1	1·5	3	12	4	11	7	10·5	31	14	31	12	31	8·5	31	6·5	29	5·5	29	8·5	28	10·5	28	9·5	28	8·5	17
18	28	7·5	26	11	27	18	28	20	27	17	27	11	28	11	28	15	29	16	29	15	28	19	29	21	28	28	28	20	27	20	28	18	27	16	27	16	27	17	27	15	27	15	30	17	28	13	18
19	29	17	29	16	30	19	30	20	30	18	30	18	30	20	30	21	30	25	30	22	30	30	30	25	30	23	30	23	30	26	31	23	30	22	30	18	31	14	31	14	31	13	31	12	32	12	32	10·5	19
20	32	11	30	14	29	13	29	10·5	31	10·5	31	8·5	31	10·5	31	7·5	31	7·5	4	5·5	4	4·5	4	5·5	4	4	4	3	4	4	13	5·5	13	3	32	9·5	32	5·5	32	6·5	32	7·5	32	6·5	32	5·5	32	4·5	20
21	32	4	32	5·5	32	6·5	32	5·5	28	4·5	28	5·5	28	4·5	31	5·5	31	5·5	31	4·5	13	5·5	13	5·5	14	14	14	5·5	14	4·5	29	13	29	11	29	12	29	9·5	29	9·5	28	9·5	27	11	27	10·5	27	10·5	21
22	27	10·5	25	7·5	24	6·5	25	5·5	28	9·5	28	8·5	31	13	31	14	32	17	1	17	2	15	1	17	31	32	15	32	14	30	17	36	16	30	18	30	22	30	20	32	18	1	20	30	17	32	15	22
23	29	17	28	13	31	15	30	14	31	13	31	14	32	8·5	32	15	29	21	29	26	29	32	29	27	27	28	27	27	27	23	27	21	27	20	26	15	25	19	25	16	25	22	24	17	24	8·5	25	13	23
24	28	12	28	5·5	32	11	31	4	31	19	32	19	31	15	32	13	31	17	1	20	29	28	29	29	28	28	27	30	27	28	29	29	29	31	29	32	28	27	28	24	28	30	27	30	28	33	28	33	24
25	29	34	29	34	29	35	31	30	30	31	30	32	28	24	31	25	30	29	30	29	29	33	29	30	29	30	29	25	29	25	30	27	28	24	29	21	29	13	28	9·5	28	10·5	26	10·5	26	9·5	29	14	25
26	30	6·5	30	7·5	28	10·5	28	8·5	28	7·5	28	9·5	32	9·5	29	10·5	29	12	27	12	28	15	27	12	27	14	27	12	28	13	28	10·5	28	9·5	28	7·5	28	4·5	28	7·5	26	8·5	24	9·5	24	12	24	11	26
27	24	11	24	12	24	13	24	12	24	13	24	13	24	14	24	10·5	23	13	23	14	24	11	25	11	26	11	26	10·5	27	9·5	27	8·5	27	5·5	27	3	27	3	27	3	27	4	27
28	27	6·5	27	4·5	27	4	27	5·5	27	4·5	27	6·5	2	6·5	1	5·5	2	8·5	9	8·5	11	5·5	11	5·5	7	6·5	7	5	7	6·5	3	12	32	11	3	14	29	13	1	16	31	16	31	18	1	16	2	21	28
29	4	31	3	27	3	37	2	42	2	30	2	31	3	40	3	44	3	49	2	48	2	57	2	52	2	49	2	40	2	45	1	44	1	44	1	33	1	37	1	40	1	37	32	34	31	31	31	34	29
30	32	29	32	27	32	25	32	22	29	26	29	25	29	32	29	36	29	38	32	25	30	26	30	31	30	37	30	35	30	36	30	34	30	32	30	29	30	27	29	22	27	19	27	13	29	10·5	29	11	30
31	1	7·5	1	6·5	28	9·5	28	7·5	28	9·5	27	9·5	25	8·5	25	7·5	23	12	21	19	21	23	21	22	23	22	22	20	22	26	22	26	21	27	21	20	21	22	20	20	22	22	30	16	30	7·5	30	7·5	31

1 day RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	·080	·070	·030	·020	·010	·005	·015	·020	.	-	-	-	·010	·010	·015	·165	·085	·030	·015	·005	·005	-	-	·005	1
2	·005	-	-	-	·005	-	-	-	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	-	4
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·010	·010	·015	·010	·025	·010	-	-	-	5
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	-	-	·030	·010	-	-	-	·005	·040	-	-	-	-	9
10	-	-	·030	·085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	·005	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
13	-	-	-	-	-	-	-	-	-	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·005	·005	23
24	·040	·050	.	·045	·020	·005	-	·005	.	·005	Trace faint														24
25	Total for 24 hours ending 10a.m. = ·270												·005	.	-	-	-	-	-	-	-	-	-	-	25
26	·005	·005	.	·005	-	-	·005	.	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·010	·030	·035	·070	·065	·030	28
29	.	·030	·075	·055	·015	·035	·050	·020	·005	·005	·010	·020	-	·010	·010	-	-	-	-	-	-	-	·005	·005	29
30	-	·005	-	-	-	-	·005	·010	.	·050	·040	·005	-	·005	·010	-	-	-	-	-	-	-	-	-	30
31	·010	.	-	·005	-	-	.	·005	·005	.	·010	.	-	·005	·025	·010	-	·010	.	·020	·140	·055	·010	·005	31
	115	140	160	135	215	050	045	075	060	020	020	075	060	020	055	063	195	095	055	040	120	190	130	105	050	
	5	5	5	3	6	4	3	4	5	4	4	4	2	3	4	5	4	3	3	4	5	4	3	5	5

* Obtained from reading of Standard. † Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
·384	·386	·387	·387	·388	·387	·380	·378	·386	·390	·388	·391	·394	·392	·389	·383	·381	·380	·384	·384	·375	·373	·373	·308	1
·334	·331	·337	·322	·316	·304	·300	·299	·309	·292	·268	·285	·276	·261	·270	·295	·286	·289	·278	·274	·285	·294	·298	·290	2
·287	·276	·281	·276	·287	·280	·299	·293	·320	·310	·331	·312	·318	·308	·334	·330	·330	·326	·303	·296	·287	·279	·283	·281	3
·276	·276	·279	·278	·281	·271	·278	·264	·271	·276	·276	·271	·280	·280	·281	·279	·280	·280	·276	·280	·299	·326	·325	·285	4
·280	·261	·240	·231	·226	·222	·218	·216	·233	·237	·251	·224	·246	·252	·256	·261	·295	·302	·320	·332	·340	·338	·342	·342	5
·340	·326	·314	·308	·307	·307	·294	·295	·302	·310	·317	·323	·331	·342	·336	·335	·336	·333	·328	·323	·321	·306	·301	·309	6
·316	·323	·322	·323	·325	·327	·327	·332	·332	·337	·343	·338	·332	·293	·296	·311	·319	·312	·306	·291	·281	·289	·293	·305	7
·310	·314	·312	·310	·314	·318	·314	·294	·262	·248	·257	·243	·239	·252	·242	·246	·255	·265	·281	·283	·291	·280	·279	·278	8
·267	·275	·274	·268	·271	·271	·277	·285	·292	·311	·320	·313	·323	·337	·327	·318	·306	·300	·303	·302	·298	·292	·294	·300	9
·297	·308	·320	·291	·270	·253	·257	·257	·255	·253	·253	·253	·271	·249	·257	·266	·267	·270	·273	·273	·277	·279	·281	·283	10
·288	·272	·275	·295	·290	·284	·283	·291	·300	·295	·305	·288	·289	·262	·272	·275	·281	·279	·288	·282	·280	·291	·301	·320	11
·324	·338	·337	·336	·331	·327	·330	·325	·338	·337	·338	·355	·347	·349	·348	·348	·340	·333	·333	·330	·329	·331	·332	·332	12
·334	·334	·333	·329	·328	·328	·331	·323	·299	·292	·282	·270	·259	·260	·254	·248	·255	·236	·243	·255	·246	·198	·191	·188	13
·177	·179	·210	·211	·207	·201	·208†	·179	·174	·182	·184	·188	·188	·187	·186	·183	·185	·180	·185	·183	·190	·185	·182	·181	14
·179	·176	·178	·174	·175	·172	·171	·168	·187	·197	·197	·186	·182	·197	·196	·195	·199	·214	·215	·225	·198	·202	·201	·202	15
·198	·197	·193	·182	·166	·163	·171	·170	·175	·156	·159	·162	·170	·170	·170	·171	·173	·169	·178	·176	·179	·172	·164	·160	16
·184	·149	·147	·141	·148	·156	·162	·166	·172	·181	·198	·190	·203	·192	·196	·192	·191	·200	·204	·201	·207	·206	·219	·234	17
·247	·252	·265	·278	·277	·279	·282	·280	·285	·287	·291	·286	·301	·305	·307	·303	·323†	·299	·299	·296	·304	·307	·299	·291	18
·293	·294	·290	·289	·292	·291	·290	·281	·272†	·274	·284	·282	·285	·254	·260	·261	·256	·267	·271	·266	·256	·259	·253	·239	19
·253	·246	·248	·257	·270	·274	·275	·273	·283	·285	·284	·277	·277	·292	·280	·287	·289	·271	·276	·276	·264	·263	·259	·253	20
·255	·249	·248	·249	·249	·247	·242	·240	·259	·261	·272	·246	·252	·246	·267	·235	·243	·269	·275	·272	·264	·271	·277	·285	21
·280	·291	·286	·291	·299	·305	·254	·240	·224	·209	·207	·197	·192	·193	·191	·194	·200	·210	·204	·198	·180	·182	·157	·162	22
·171	·170	·158	·160	·161	·171	·176	·176	·149	·159	·157	·161	·173	·171	·173	·171	·180	·187	·190	·196	·208	·205	·205	·206	23
·212	·214	·216	·193	·205	·189	·185	·176	·181	·194	·191	·162	·177	·178	·194	·209	·159	·151	·161	·156	·164	·161	·152	·159	24
·170	·168	·165	·185	·189	·186	·188	·177	·156†	·155	·190	·195	·198	·177	·187	·182	·186	·168	·160	·177	·179	·181	·189	·187	25
·197	·200	·192	·186	·186	·186	·200	·196	·201	·191	·204	·197	·197	·203	·204	·196	·194	·186	·195	·181	·177	·179	·169	·167	26
·166	·168	·171	·170	·175	·180	·181	·206	·220	·213	·224	·237	·239	·239	·239	·252	·248	·248	·243	·238	·246	·247	·247	·240	27
·238	·233	·231	·230	·226	·227	·227	·228	·233	·228	·230	·233	·234	·231	·234	·228	·223	·207	·215	·217	·218	·208	·214	·207	28
·199	·187	·188	·179	·186	·182	·178	·179	·173	·178	·174	·157	·158	·168	·160	·151	·147	·153	·155	·157	·158	·152	·148	·154	29
·158	·156	·150	·142	·164	·160	·145	·166	·156†	·180	·166	·158	·167	·160	·183†	·175†	·181	·167	·160	·155	·178	·169	·177	·180	30
·191	·184	·178	·173	·178	·174	·182	·188	·202	·207	·233	·251	·255	·259	·259	·264	·259	·269	·273	·285	·281	·251	·245	·241	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°.51' N LONG 2°.28' W

HOURLY VALUES March 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.351	29.339	29.313	29.267	29.239	29.191	29.147	29.095	29.067	29.069	29.074	29.052	29.040	29.038	29.014	28.998	28.998	29.006	29.020	29.024	29.030	29.044	29.066	29.118	1
2	.156	.198	.228	.273	.298	.341	.380	.428	.462	.490	.513	.541	.559	.587	.609	29.625	29.651	.681	.703	.719	.743	.761	.769	29.793	2
3	29.809	29.815	29.809	.815	29.827	29.841	29.851	29.871	29.885	29.909	29.928	.948	.965	.936	.941	.948	.952	.966	.969	.978	.996	.996	.988	30.004	3
4	30.010	30.010	30.002	.994	30.004	30.000	30.003	30.000	30.003	30.000	30.002	.990	.954	.945	.920	.908	.909	.902	.866	.844	.826	.830	.837	29.854	4
5	29.894	29.920	29.932	.948	29.956	29.956	29.967	29.966	29.967	29.952	29.945	.939	.923	.903	.868	.845	.820	.802	.795	.789	.792	.799	.779	.773	5
6	.731	.685	.651	.611	.615	.571	.555	.521	.488	.446	.418	.415	.395	.395	.419	.427	.449	.450	.479	.533	.559	.567	.579	.609	6
7	.613	.633	.629	.625	.635	.633	.609	.589	.555	.549	.540	.526	.489	.454	.456	.436	.410	.418	.396	.380	.380	.406	.438	.461	7
8	.470	.482	.470	.484	.503	.524	.544	.575	.586	.598	.615	.621	.625	.633	.649	.665	.675	.699	.709	.719	.733	.749	.757	.773	8
9	.787	.787	.785	.788	.791	.799	.805	.805	.807	.803	.786	.767	.746	.722	.696	.675	.646	.628	.600	.572	.550	.530	.514	.502	9
10	.482	.466	.446	.438	.444	.450	.478	.510	.534	.558	.574	.602	.616	.622	.638	.658	.676	.696	.706	.710	.702	.724	.722	.750	10
11	.754	.754	.744	.740	.746	.750	.746	.742	.738	.740	.726	.726	.718	.704	.694	.682	.682	.694	.699	.690	.696	.696	.702	.706	11
12	.722	.744	.755	.764	.796	.826	29.853	29.881	29.902	29.912	29.929	29.929	29.925	29.912	29.903	29.895	29.895	29.905	29.917	29.913	29.915	29.925	29.943	29.949	12
13	29.951	29.955	29.961	29.965	29.975	29.989	30.005	30.029	30.038	30.052	30.077	30.086	30.065	30.060	30.071	30.079	30.083	30.103	30.136	30.139	30.145	30.159	30.157	30.165	13
14	30.161	30.163	30.159	30.159	30.161	30.155	.153	.147	.147	.143	.138	.126	.108	.090	.070	.072	.062	.060	.060	.066	.067	.061	.064	.066	14
15	.069	.066	.060	.066	.069	.073	.086	.096	.096	.102	.105	.115	.107	.113	.121	.125	.135	.151	.163	.177	.189	.195	.201	.219	15
16	.223	.233	.233	.239	.249	.263	.273	.278	.283	.281	.287	.283	.277	.269	.261	.255	.249	.253	.259	.257	.255	.251	.237	.229	16
17	.223	.209	.197	30.191	30.189	30.191	30.193	30.197	30.189	30.177	30.172	30.167	30.152	30.147	30.126	30.115	30.123	30.113	30.097	30.097	30.091	30.071	30.069	30.047	17
18	30.039	30.015	30.003	29.983	29.969	29.961	29.959	29.945	29.953	29.940	29.933	29.902	29.896	29.874	29.872	29.864	29.868	29.880	29.884	29.890	29.896	29.894	29.902	29.896	18
19	29.894	29.900	29.888	.885	.884	.886	.892	29.920	29.920	29.927	29.931	29.927	29.917	29.915	.911	.906	.911	.927	.937	.951	.957	.963	.969	.975	19
20	.973	.977	.979	.974	.975	.976	.987	30.001	30.011	30.015	30.015	30.014	30.015	30.007	.999	.993	.989	.989	.993	.989	.985	.976	.965	.961	20
21	.951	.939	.925	.909	.895	.889	.891	29.885	29.869	29.863	29.841	29.831	29.815	29.797	.781	.769	.755	.757	.755	.753	.745	.744	.741	.729	21
22	.718	.705	.693	.681	.673	.661	.653	.651	.645	.643	.619	.613	.593	.577	.559	.543	.537	.533	.529	.525	.523	.523	.501	.491	22
23	.481	.467	.447	.427	.417	.411	.403	.397	.389	.387	.369	.345	.325	.313	.299	.293	.289	.289	.289	.291	.293	.301	.303	.305	23
24	.299	.295	.285	.273	.257	.249	.231	.203	.159	.115	.103	.131	.131	.149	.083	.063	.051	.065	.081	.095	.117	.129	.145	.175	24
25	.177	.261	.231	.263	.290	.317	.351	.381	.401	.443	.466	.475	.490	.496	.504	.504	.520	.534	.552	.568	.574	.582	.594	.606	25
26	.618	.622	.622	.630	.640	.646	.656	.666	.665	.672	.660	.652	.644	.634	.627	.608	.590	.578	.552	.522	.482	.450	.410	.376	26
27	.350	.342	.330	.344	.358	.384	.394	.408	.414	.430	.440	.436	.438	.426	.416	.412	.410	.408	.402	.406	.402	.398	.384	.370	27
28	.360	.342	.320	.294	.272	.259	.248	.236	.218	.203	.187	.171	.155	.133	.107	.102	.086	.085	.085	.086	.097	.095	.093	.097	28
29	.089	.079	.071	.073	.067	.073	.087	.097	.101	.119	.126	.128	.126	.116	.112	.110	.112	.116	.118	.126	.126	.122	.114	.106	29
30	.094	.060	.044	.030	.022	.028	.028	.044	29.042	29.042	29.037	29.045	29.053	29.069	29.079	29.091	29.097	29.113	29.135	29.143	29.143	29.143	29.143	29.131	30
31	29.117	29.099	29.085	29.069	29.065	29.045	29.031	29.005	28.977	28.951	28.928	28.890	28.856	28.844	28.832	28.836	28.834	28.836	28.828	28.826	28.808	28.792	28.769	28.762	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	47.5	47.5	48.0	48.9	49.9	49.3	49.1	49.9	51.0	50.7	51.0	52.7	52.0	51.1	51.3	51.0	51.0	50.2	49.6	50.3	49.6	48.8	47.9	47.6	1
2	47.3	46.9	45.6	45.2	44.2	44.0	43.8	43.8	45.6	47.0	48.1	48.7	49.1	48.5	48.6	47.3	46.7	45.6	45.1	45.0	44.2	44.2	46.1	46.3	2
3	47.3	47.9	48.0	48.0	48.0	48.0	47.3	48.1	48.4	48.0	48.0	48.9	49.0	48.0	47.4	46.4	46.3	46.7	46.0	46.0	46.3	46.3	46.3	46.3	3
4	45.5	45.6	45.7	45.6	45.7	45.7	45.8	45.1	45.5	44.7	44.1	49.0	51.2	50.7	50.0	48.9	48.2	47.2	47.3	47.4	47.0	45.6	45.3	44.1	4
5	43.0	41.7	41.8	40.0	39.1	39.2	40.2	41.1	43.9	45.1	46.0	46.4	46.0	47.6	46.8	46.2	44.6	45.8	46.2	46.9	47.2	47.0	46.3	46.9	5
6	46.9	47.3	47.5	47.7	47.0	47.2	47.0	46.5	46.8	47.4	48.0	47.9	47.5	47.4	46.6	46.9	46.9	46.3	46.0	46.0	45.7	45.5	45.6	44.8	6
7	44.6	44.4	44.3	44.0	44.0	43.8	43.8	44.6	47.6	48.0	48.0	47.8	48.4	48.0	47.7	47.5	47.9	47.4	46.9	47.1	47.0	45.0	43.3	42.6	7
8	42.2	41.6	41.0	41.5	41.1	39.6	39.3	40.7	41.9	42.0	43.2	43.9	43.4	43.9	43.9	43.0	43.0	41.2	40.4	40.4	40.0	38.2	37.0	35.8	8
9	34.0	32.0	31.3	31.0	30.2	29.3	30.1	30.0	31.3	34.2	37.1	39.5	40.4	39.6	38.3	37.9	37.7	37.9	38.9	39.1	40.1	40.4	41.0	42.0	9
10	42.8	42.9	43.2	43.7	43.9	43.2	43.1	42.9	43.8	44.6	45.6	45.9	46.4	46.3	46.0	46.0	45.3	44.9	44.0	45.6	45.3	45.1	45.4	45.4	10
11	45.1	45.1	44.9	44.9	45.0	44.9	44.8	45.0	45.5	45.9	46.8	47.4	47.4	47.0	46.9	46.5	46.0	46.0	45.4	45.7	45.8	45.1	45.6	45.7	45.7	11
12	44.5	44.0	43.8	42.5	41.2	38.6	37.4	38.9	41.8	43.0	44.0	45.1	46.4	46.9	47.9	47.6	44.8	42.7	40.1	40.0	38.2	36.4	35.8	35.2	12
13	36.0	36.1	36.2	35.4	34.3	34.0	33.0	33.1	35.4	35.6	38.9	40.5	42.4	41.3	42.0	42.1	42.0	38.9	37.4	37.0	36.5	34.2	35.2	33.2	13
14	32.3	31.9	30.8	31.2	30.4	29.8	29.5	30.9	33.8	37.9	41.0	41.4	41.5	41.1	41.2	40.5	40.0	39.1	38.6	36.3	35.0	35.0	37.0	37.0	14
15	37.0	37.3	37.0	36.9	29.0	29.2	29.9	32.2	36.0	38.6	41.9	40.8	43.0	42.2	41.0	41.6	41.0	40.0	38.8	38.7	38.0	38.1	38.0	37.9	15
16	37.4	36.8	36.0	35.9	35.1	34.9	34.8	36.0	39.9	41.3	41.8	43.1	43.6	43.8	43.8	43.6	41.9	40.8	40.0	39.9	39.1	39.5	39.0	40.0	16
17	40.6	40.2	40.0	40.1	40.0	40.8	41.0	41.1	42.0	43.5	45.1	45.1	45.0	45.6	45.2	44.2	43.9	43.8	43.6	43.8	43.8	43.2	43.5	43.9	17
18	44.4	44.9	44.9	44.8	44.9	44.9	45.9	46.1	46.7	47.7	47.2	48.7	49.6	49.3	48.4	49.3	49.0	47.0	46.2	45.1	44.9	44.3	44.5	44.0	18
19	43.0	42.4	42.7	44.6	44.3	44.0	45.0	45.8	46.0	45.2	44.9	52.5	52.5	53.1	53.5	53.0	50.9	51.1	48.0	46.1	45.1	44.7	43.3	42.8	19
20	40.2	39.0	39.0	40.8	40.9	41.0	44.0	44.2	44.7	46.3	46.9	47.6	47.8	48.5	48.7	48.0	47.7	46.3	45.2	45.1	45.1	45.0	44.0	44.0	20
21	43.6	43.4	43.6	43.2	43.0	43.0	43.0	43.6	47.2	49.1	50.0	49.8	50.2	49.0	47.3	46.9	46.2	44.4	42.5	41.0	39.5	38.3	37.9	37.3	21
22	36.6	36.0	37.0	36.6	36.2	34.1	34.0	35.9	36.9	38.0	38.1	39.0	39.6	38.9	39.1	38.0	36.0	33.7	32.1	31.0	30.1	29.1	28.0	30.0	22
23	31.0	29.2	29.0	29.2	29.9	29.0	31.4	32.9	33.9	35.4	37.3	38.5	39.5	38.0	37.9	38.8	37.1	37.0	36.2	35.4	32.8	32.5	32.3	31.5	23
24	32.2	31.3	29.0	28.9	28.6	28.8	29.1	29.5	34.5	37.1	36.0	28.0	31.0	33.1	35.1	35.9	36.5	37.9	31.5	37.8	36.9	29.9	29.9	30.0	24
25	30.0	30.9	30.0	30.0	30.5	30.0	33.4	34.6	35.0	36.8	36.9	38.0	39.2	39.7	38.9	39.3	38.0	38.0	34.9	33.0	33.9	34.3	36.1	36.1	25
26	28.8	28.3	28.2	29.8	29.0	26.4	28.0	31.3	36.0	38.0	39.2	40.1	40.8	41.5	40.2	41.6	41.2	40.2	38.4	38.5	38.0	38.9	40.0	39.9	26
27	38.2	36.9	38.0	36.9	35.6	32.3	33.8	35.9	37.7	37.9	39.7	40.2	40.2	42.1	41.2	41.1	41.3	39.1	36.0	34.9	33.0	32.5	32.2	32.0	27
28	31.3	32.0	31.9	31.8	31.3	31.0	31.2	32.1	34.9	36.0	36.9	36.9	36.0	35.5	36.3	35.0	35.2	35.8	35.1	34.4	33.3	32.0	32.4	32.2	28
29	33.0	33.7	33.6	32.9	33.4	32.9	34.0	35.4	37.0	38.9	37.8	40.0	39.9	40.9	40.9	40.3	39.2	37.0	34.9	34.8	33.8	32.8	31.6	30.6	29
30	29.7	29.0	28.5	28.7	29.9	30.5	31.1	33.6	37.0	38.1	40.2	41.8	42.5	42.1	41.3	40.0	40.3	39.3	37.2	36.5	33.0	31.0	31.0	29.9	30
31	30.1	28.0	28.4	30.9	32.2	32.6	31.9	33.1	35.2	36.8	37.9	36.8	39.0	37.8	35.9	33.8	34.2	33.8	32.4	30.9	32.0	31.8	30.2	32.1	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	46.8	46.3	46.7	47.0	48.0	48.0	48.5	49.0	50.2	50.2	50.6	51.2	51.0	50.7	50.6	50.2	50.2	49.9	49.1	49.9	49.1	48.1	47.3	46.6	1
2	46.9	45.5	44.2	43.9	43.4	43.1	42.9	43.0	44.0	44.5	45.2	45.0	45.3	43.9	45.0	44.9	44.9	44.3	43.8	43.4	43.0	42.7	42.8	41.9	2
3	41.8	42.1	43.7	43.7	43.7	43.0	43.2	45.0	45.8	46.3	46.2	46.2	46.9	46.2	46.3	46.5	46.1	45.8	45.0	44.6	44.6	44.5	44.6	44.0	3
4	44.0	44.0	44.1	44.1	44.1	44.1	44.2	43.7	43.8	44.8	45.3	46.0	47.3	46.3	46.0	45.2	44.8	44.1	43.9	44.0	44.4	44.9	44.1	43.1	4
5	41.2	39.7	40.0	38.4	37.9	37.9	38.3	39.3	41.2	42.2	43.2	43.1	42.8	43.9	42.9	42.9	43.3	43.9	45.2	46.0	45.9	45.2	44.7	45.2	5
6	46.0	46.8	46.8	46.8	46.4	46.3	46.2	46.0	46.1	47.0	47.2	47.0	46.7	46.0	45.0	44.8	44.2	43.9	43.9	43.9	44.0	44.0	43.7	43.8	6
7	43.5	43.0	43.1	42.9	43.0	42.2	43.1	44.4	44.7	44.2	47.0	47.4	46.9	46.8	46.3	46.2	46.0	45.9	46.0	45.4	42.3	40.0	38.9		7
8	36.1	38.0	37.3	38.4	37.4	36.1	36.0	36.9	37.7	38.2	38.8	39.0	38.6	38.4	38.8	38.3	39.5	38.2	37.4	36.8	36.0	34.9	33.0	32.6	8
9	31.4	30.1	29.8	29.8	28.4	27.9	28.8	28.2	29.1	31.1	33.0	34.0	35.9	36.8	37.0	36.2	36.4	36.9	37.9	38.1	39.1	40.0	40.2	41.6	9
10	42.2	42.5	42.9	43.1	43.4	43.1	43.0	41.9	42.3	42.9	43.2	43.0	43.4	42.9	42.9	42.4	42.8	42.3	42.4	42.4	43.7	43.9	44.0	44.1	10
11	44.2	44.1	43.9	43.9	44.1	43.6	43.8	44.0	44.2	44.2	44.8	45.0	44.6	44.6	44.3	44.6	44.6	44.4	44.3	44.2	44.4	44.8	44.7	44.7	11
12	43.0	42.2	42.1	41.9	39.8	38.8	38.0	35.3	37.0	37.0	38.0	39.0	40.4	40.2	41.0	40.7	39.7	36.9	35.7	35.8	35.5	34.6	33.2	33.0	12
13	33.9	33.8	33.8	31.9	31.1	30.2	29.4	29.4	30.9	31.0	33.4	34.8	36.1	35.2	36.0	36.6	36.5	34.0	33.0	33.0	32.1	31.3	32.1	31.0	13
14	30.2	30.0	29.0	29.4	28.9	28.4	28.0	29.3	31.5	35.1	36.8	36.8	37.0	37.0	37.2	37.1	36.7	36.6	36.1	34.9	34.6	33.8	32.1	31.4	14
15	31.1	31.5	30.0	30.0	-*-	28.1	28.4	30.6	-*-	34.1	34.3	37.9	38.8	38.0	37.9	37.2	37.2	36.8	35.2	35.7	35.9	35.7	35.9	35.4	15
16	35.5	35.2	34.3	34.4	33.8	33.1	32.9	33.9	36.7	36.7	36.8	36.7	37.1	37.8	37.8	38.0	37.9	36.8	36.4	36.3	36.7	36.9	36.9	36.8	16
17	36.5	36.6	36.9	37.0	37.1	37.4	38.2	38.9	39.8	40.9	42.1	42.2	42.0	42.0	42.2	41.2	42.0	41.9	42.1	42.3	42.9	42.8	42.9	43.2	17
18	43.7	44.1	44.3	44.3	44.5	44.7	45.0	45.1	45.4	46.0	45.7	46.6	47.0	47.0	46.3	47.0	47.1	45.9	45.3	44.4	44.0	43.8	43.9	43.2	18
19	42.2	41.8	42.0	43.4	43.2	43.1	43.2	44.2	45.5	45.5	47.0	47.8	47.1	48.9	48.5	48.8	48.9	45.5	44.2	43.8	43.2	42.2	41.9	41.0	19
20	39.4	38.1	38.7	40.1	40.2	40.5	42.2	42.8	43.0	43.0	44.6	44.8	44.9	45.0	45.1	44.8	44.8	44.0	44.0	43.9	44.0	43.8	43.1	43.0	20
21	42.9	42.9	42.9	42.8	42.5	42.7	42.8	43.1	45.0	45.0	45.1	45.2	46.1	45.9	45.3	44.6	43.5	41.0	39.9	38.8	38.0	35.0	34.1	33.8	21
22	33.9	33.2	33.9	33.8	33.0	32.8	32.7	33.5	33.1	33.0	32.0	32.1	32.3	33.0	33.8	33.2	33.2	-*-	-*-	28.9	28.1	27.0	26.9	27.8	22
23	27.9	26.9	26.9	27.8	28.7	28.1	-*-	-*-	28.6	30.9	-*-	-*-	32.9	33.8	33.0	33.6	32.0	-*-	-*-	30.6	29.2	28.9	28.8	28.8	23
24	29.4	28.0	27.1	27.0	27.1	25.6	27.4	28.1	32.2	33.1	29.9	25.7	27.8	30.0	32.8	-*-	31.0	30.6	-*-	28.5	28.8	28.8	28.0	28.0	24
25	28.9	29.2	29.0	29.2	30.0	29.8	-*-	-*-	32.0	32.1	32.5	33.1	33.7	33.5	33.8	33.1	33.8	33.2	31.8	-*-	-*-	31.6	29.0	28.3	25
26	27.1	27.1	27.0	27.2	26.6	25.0	26.3	29.1	32.3	33.1	34.6	35.0	36.0	36.9	36.9	37.0	37.1	37.5	36.9	35.3	35.8	36.4	36.8	37.9	26
27	37.0	35.8	36.1	33.0	31.9	30.8	31.2	32.8	34.0	33.0	34.0	34.8	34.9	36.0	35.0	35.0	35.7	33.8	31.3	30.9	29.9	30.1	30.1	29.9	27
28	29.3	29.9	29.7	29.2	29.0	28.8	28.9	29.7	31.9	31.4	32.0	32.0	32.6	...	-*-	...	31.0	31.9	32.0	32.0	31.8	29.2	29.0	29.2	28
29	30.8	...	...	-*-	-*-	...	...	31.1	32.9	33.8	34.0	33.9	34.9	34.7	34.8	34.8	34.0	33.1	-*-	-*-	29.1	28.2	28.2	28.0	29
30	27.9	27.8	27.3	27.9	29.1	30.0	30.9	31.8	-*-	33.7	34.6	36.9	35.8	35.2	34.8	34.9	34.3	33.9	32.8	32.2	30.2	28.9	29.0	27.5	30
31	28.1	27.7	27.0	28.5	28.2	29.8	30.8	31.8	34.0	34.9	36.2	35.8	38.0	36.0	34.1	-*-	30.8	29.3	29.0	28.3	30.1	28.2	28.0	29.3	31

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51′ N. LONG: 2°28′ W.

HOURLY VALUES March 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V	DAYS
1	20	9·5	18	5·5	20	11	19	13	18	12	17	11	15	20	16	23	18	22	19	15	20	24	21	22	19	17	19	16	19	18	19	18	19	18	21	21	21	21	21	16	21	22	22	23	22	13	26	16	1
2	24	13	25	17	25	14	25	12	23	12	23	15	23	12	22	11	22	16	22	19	23	22	23	24	23	25	23	21	23	20	22	22	22	17	22	15	21	14	22	7·5	22	6·5	21	8·5	22	7·5	21	6·5	2
3	21	7·5	21	5·5	20	10·5	20	10·5	20	9·5	21	12	21	13	20	8·5	21	14	21	13	21	18	21	18	21	16	21	18	21	15	21	15	21	7·5	21	5·5	21	4·5	21	8·5	22	8·5	22	8·5	20	12	21	13	3
4	20	12	19	7·5	18	8·5	20	9·5	21	10·5	20	10·5	20	11	19	7·5	19	7·5	18	10·5	18	12	20	14	18	18	19	22	18	19	19	18	20	23	19	18	18	22	19	22	19	22	20	24	23	30	22	30	4
5	22	25	23	18	22	14	21	9·5	21	12	21	14	22	16	22	18	21	20	21	27	21	34	21	32	21	33	21	32	21	28	20	24	20	18	20	20	21	25	22	22	23	22	22	14	22	24	21	20	5
6	21	22	21	25	21	27	22	34	21	28	21	32	21	33	21	29	21	33	21	34	21	37	22	35	22	36	23	36	25	33	24	34	25	34	25	32	25	34	24	29	24	26	24	30	24	31	24	30	6
7	24	26	24	18	23	20	23	20	23	20	22	16	21	12	22	18	23	31	23	31	23	32	22	30	23	39	22	32	22	30	23	39	22	31	22	29	22	35	24	33	25	30	25	31	24	25	7
8	26	30	25	25	24	26	26	22	26	28	25	27	24	25	25	21	25	30	25	28	25	29	25	31	27	27	25	25	26	24	25	19	25	14	24	13	26	15	27	15	26	15	27	12	28	14	30	8·5	8
9	31	4	31	4	31	2	31	15	31	15	31	3	31	2	31	4	31	3	31	2	31	2	2	2	14	7·5	16	9·5	15	11	15	8·5	15	3	17	4	15	8·5	16	4·5	14	5·5	17	7·5	17	6·5	19	3	9
10	19	4	19	4·5	19	7·5	22	9·5	21	12	25	15	24	16	25	16	24	17	25	18	25	24	25	19	25	23	25	26	25	24	24	19	24	15	24	19	22	11	23	12	22	20	22	20	23	26	22	18	10
11	22	17	22	16	23	22	23	24	23	19	22	20	21	16	22	21	22	21	22	26	23	29	23	30	22	29	22	27	22	26	22	28	22	25	23	22	22	19	23	26	23	24	23	24	23	23	24	22	11
12	26	11	28	5·5	26	8·5	31	7·5	32	4	1	4	1	6·5	1	6·5	2	5·5	4	6·5	4	4·5	7	4	13	4·5	19	6·5	24	10·5	25	10·5	25	13	27	16	26	4·5	15	2	15	2	2	5·5	2	4·5	2	4	12
13	2	4	2	3	2	7·5	1	11	1	9·5	1	11	1	9·5	29	11	31	14	30	16	31	16	31	16	31	21	32	19	1	1·2	2	1·2	2	1·2	2	9·5	3	10·5	11	4·5	2	6·5	2	4·5	3	3	3	2	13
14	3	3	3	2	3	1·5	3	2	3	2	3	3	3	2	3	2	3	4	23	11	24	12	24	12	24	9·5	24	10·5	25	10·5	25	10·5	26	8·5	26	6·5	26	2	26	1·5	26	3	26	2	26	3	14
15	26	4	26	4	26	4	26	4	27	4	28	3	28	4	28	4	29	4	1	2	7	4·5	8	3	4	4·5	4	6·5	2	4·5	2	6·5	2	6·5	2	6·5	2	4·5	3	4	3	3	3	3	3	4	3	4·5	15
16	2	5·5	2	5·5	2	4	2	3	2	4·5	2	4·5	2	4	2	3	2	4	6	4	6	6·5	5	5·5	8	5·5	9	3	12	2	18	5·5	25	8·5	26	9·5	27	9·5	27	4·5	27	4	22	2	22	1·5	23	3	16
17	26	9·5	26	7·5	26	11	26	14	26	12	27	12	26	9·5	26	7·5	26	5·5	24	10·5	24	13	25	13	25	16	24	19	24	20	25	21	26	14	26	13	25	15	19	7·5	19	9·5	19	7·5	22	7·5	22	11	17
18	25	9·5	25	11	25	13	24	12	24	13	24	14	24	13	25	20	23	12	25	20	25	21	25	19	24	19	25	26	25	22	27	19	22	13	26	12	25	12	26	14	25	9·5	24	11	25	6·5	25	7·5	18
19	22	4·5	24	3	24	5·5	23	4·5	24	4·5	24	3	24	3	18	4	22	5·5	24	4	24	7·5	26	7·5	27	8·5	23	15	23	16	25	11	25	10·5	21	4	19	3	20	3	20	3	20	2	20	1·5	20	1·5	19
20	20	4	20	2	20	1·5	20	1·5	20	1·5	22	4	26	5·5	26	6·5	26	4	26	4	25	7·5	24	11	24	11	24	14	25	12	24	14	23	14	23	11	24	11	24	14	25	12	25	8·5	23	5·5	22	6·5	20
21	23	5·5	23	7·5	23	7·5	23	7·5	23	7·5	22	4·5	22	4·5	22	4·5	24	1·5	23	21	23	27	23	25	24	26	24	23	23	18	25	23	24	22	25	15	25	17	26	22	27	17	27	8·5	28	9·5	28	9·5	21
22	27	3	27	4	27	2	28	4·5	30	4·5	30	2	30	2	30	3	31	3	30	7·5	29	12	29	11	29	13	26	12	25	8·5	26	14	25	11	31	4·5	32	2	32	3	32	2	30	4·5	30	3	30	5·5	22
23	28	9·5	30	11	29	13	28	14	28	8·5	28	4	28	6·5	27	13	27	16	27	14	26	15	27	12	29	15	24	15	26	12	25	9·5	28	9·5	27	6·5	28	7·5	28	5·5	28	4·5	28	5·5	28	6·5	29	4	23
24	28	4·5	28	4	28	4	28	2	28	3	27	3	27	3	21	7·5	21	9·5	19	14	26	30	29	20	28	20	27	16	27	11	27	13	27	12	29	13	30	9·5	28	16	30	21	29	16	30	18	31	9·5	24
25	29	19	30	27	29	18	29	12	30	12	31	4·5	31	8·5	30	16	30	21	30	11	30	17	30	19	30	20	30	19	29	15	30	15	27	8·5	27	4·5	28	10·5	31	5·5	28	8·5	28	5·5	28	2	25	4	25
26	25	3	25	3	26	2	26	4	26	4	26	3	26	2	26	3	23	8·5	25	10·5	26	16	23	17	24	15	25	18	24	18	23	20	22	22	22	18	21	12	21	12	20	17	20	21	21	24	22	23	26
27	22	30	27	17	26	12	30	14	28	5·5	15	4	2	4·5	5	4	9	4·5	30	8·5	31	8·5	4	6·5	31	5·5	1	4·5	32	6·5	1	5·5	√	5·5	3	5·5	3	5·5	3	4	3	4·5	3	4·5	3	4·5	3	5·5	27
28	3	6·5	3	4	3	6·5	3	7·5	3	6·5	3	4·5	3	4·5	3	5·5	4	9·5	6	13	8	16	8	14	8	13	8	14	8	16	8	14	7	13	7	12	6	14	5	15	4	14	4	12	3	16	4	16	28
29	5	17	4	17	5	16	4	14	4	19	3	19	3	19	4	23	4	20	4	25	2	24	2	20	2	20	1	18	1	20	1	18	1	19	31	24	1	19	1	19	32	18	32	15	2	10·5	1	8·5	29
30	29	12	28	14	28	14	29	8·5	28	11	27	11	29	11	30	17	31	19	32	23	31	25	31	24	30	25	31	23	31	18	30	23	30	23	30	11	28	7·5	28	7·5	28	2	28	3	28	2	30	4	30
31	31	2	31	3	4	3	26	7·5	27	8·5	26	8·5	26	4	26	4·5	23	10·5	22	20	20	23	21	22	21	25	23	23	28	20	27	13	25	11	26	12	26	7·5	22	4	26	8·5	26	9·5	25	7·5	22	6·5	31

RAINFALL — GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	.	.	.	·002	.	·030	·025	·035	·012	·063	·080	·002	·030	·050	·038	·075	·065	·055	·115	·032	·028	·120	·155	·015	1
2	·005	·002	-	-	-	-	-	-	·002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·010	·070	·050	3
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·005	·010	·002	·002	-	-	-	-	4
5	·030	·003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
6	-	·002	·002	·002	·050	·060	·055	·010	·020	·050	·030	·050	·090	·010	·034	·002	-	·005	·002	-	-	-	-	·004	6
7	·005	·010	-	-	·002	-	·005	·050	·020	·045	·030	·015	·002	·003	·010	·020	·005	·010	·005	-	·040	·005	-	-	7
8	·005	-	·005	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·010	·002	·020	·025	·020	-	·010	·020	·015	9
10	·010	·020	·035	·031	·040	·055	-	-	·001	·001	-	-	-	-	-	-	-	-	·001	·001	-	·004	·010	·002	10
11	·016	·002	·002	·002	-	-	-	-	-	-	-	-	-	-	-	·001	·008	·028	·012	·001	·002	-	·001	·002	11
12	·005	·005	·002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
25	Melted Snow at 10 a.m. = ·045																							·015	25
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
27	·060	·125	-	·002	-	-	·002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
31	-	-	-	-	-	-	-	-	-	·028	·004	·020	·008	·025	·005	-	-	-	-	-	-	-	-	-	31
	1·36	1·69	·046	·044	·092	1·45	·087	·095	·053	1·86	1·41	·087	1·30	·088	·087	1·08	·085	1·28	1·62	·056	·070	1·49	2·56	1·03	

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	·311	·299	·302	·299	·310	·318	·334	·335	·353	·357	·364	·356	·361	·365	·360	·353	·353	·356	·343	·354	·343	·328	·318	·303	1
2	·317	·288	·273	·271	·272	·267	·265	·267	·269	·280	·262	·264	·232	·259	·256	·269	·264	·265	·261	·253	·257	·259	·254	·251	2
3	·259	·258	·271	·281	·281	·281	·269	·270	·286	·291	·291	·286	·290	·298	·292	·287	·287	·288	·282	·270	·275	·278	·272	·261	3
4	·270	·269	·270	·271	·270	·270	·271	·267	·267	·266	·269	·276	·281	·264	·265	·260	·257	·253	·248	·249	·262	·270	·274	·266	4
5	·238	·223	·227	·205	·215	·214	·211	·220	·229	·236	·248	·242	·240	·245	·233	·240	·265	·273	·290	·299	·294	·280	·276	·281	5
6	·299	·314	·311	·308	·308	·304	·303	·305	·303	·317	·314	·310	·309	·293	·280	·272	·258	·259	·263	·263	·268	·270	·263	·273	6
7	·269	·260	·263	·263	·265	·265	·269	·290	·319	·319	·314	·312	·315	·307	·301	·295	·291	·293	·297	·297	·284	·239	·212	·200	7
8	·190	·192	·185	·201	·186	·178	·178	·181	·186	·193	·192	·189	·187	·196	·186	·186	·206	·199	·192	·182	·172	·169	·149	·153	8
9	·148	·139	·141	·144	·124	·124	·134	·121	·126	·139	·148	·146	·165	·190	·196	·195	·200	·207	·217	·219	·227	·237	·239	·258	9
10	·267	·267	·273	·271	·275	·255	·254	·254	·252	·256	·252	·245	·248	·239	·242	·233	·246	·240	·249	·252	·263	·270	·274	·273	10
11	·279	·278	·274	·274	·277	·274	·273	·275	·275	·270	·273	·270	·266	·263	·266	·278	·278	·281	·275	·280	·284	·287	·284	·284	11
12	·259	·248	·248	·218	·211	·199	·178	·170	·175	·166	·172	·180	·193	·185	·190	·187	·194	·172	·166	·169	·180	·171	·162	·163	12
13	·173	·174	·170	·145	·139	·125	·120	·119	·130	·129	·142	·150	·158	·150	·159	·167	·167	·150	·146	·149	·133	·143	·149	·145	13
14	·138	·138	·130	·133	·133	·129	·123	·134	·150	·176	·177	·175	·177	·179	·182	·187	·184	·191	·187	·188	·187	·180	·169	·167	14
15	·160	·166	·148	·149	*	·130	·119	·147	*	·168	·196	·197	·194	·188	·195	·180	·183	·186	·169	·181	·185	·187	·187	·181	15
16	·187	·188	·180	·183	·179	·167	·164	·173	·185	·173	·172	·161	·163	·171	·171	·176	·189	·179	·179	·178	·193	·192	·197	·186	16
17	·172	·180	·187	·188	·187	·189	·201	·212	·221	·227	·234	·236	·233	·228	·235	·226	·245	·244	·250	·252	·265	·271	·269	·271	17
18	·276	·278	·283	·285	·288	·293	·288	·288	·288	·289	·288	·292	·291	·294	·288	·294	·300	·296	·292	·284	·276	·279	·280	·270	18
19	·250	·258	·261	·267	·266	·267	·257	·271	·274	·272	·288	·278	·258	·292	·288	·273	·273	·274	·268	·270	·261	·256	·255	·248	19
20	·231	·220	·232	·239	·240	·246	·248	·259	·253	·241	·267	·264	·263	·259	·259	·259	·242	·261	·269	·272	·274	·271	·267	·265	20
21	·268	·270	·268	·271	·266	·270	·273	·272	·273	·254	·247	·251	·265	·274	·278	·267	·253	·270	·218	·177	·177	·170	·160	·160	21
22	·167	·161	·163	·166	·171	·171	·174	·168	·152	·142	·127	·123	·123	·136	·145	·145	·161	·*	·*	·126	·117	·105	·120	·112	22
23	·105	·102	·104	·123	·134	·133	·*	·*	·103	·130	·*	·*	·131	·154	·143	·145	·133	·*	·*	·128	·117	·115	·113	·119	23
24	·125	·122	·108	·108	·111	·109	·115	·123	·156	·150	·164	·091	·104	·129	·160	·*	·133	·151	·*	·111	·124	·137	·117	·122	24
25	·138	·148	·140	·145	·158	·162	·*	·*	·143	·137	·143	·144	·144	·138	·147	·134	·154	·145	·146	·*	·*	·147	·139	·122	25
26	·111	·120	·119	·102	·098	·100	·105	·127	·147	·144	·156	·155	·166	·176	·187	·178	·187	·185	·174	·183	·189	·196	·205	·212	26
27	·206	·183	·192	·165	·158	·150	·144	·156	·159	·143	·144	·151	·153	·158	·148	·148	·158	·145	·132	·133	·128	·136	·138	·135	27
28	·130	·125	·132	·124	·124	·123	·123	·130	·148	·133	·135	·135	·152	...	·*	...	·132	·141	·147	·153	·160	·117	·116	·120	28
29	·148	·125	·122	·135	·145	·158	·169	·157	*	·152	·149	·144	·153	·146	·144	·155	·144	·146	·145	·141	·133	·125	·127	·107	29
30	·147	·144	·116	·118	·103	·129	·154	·162	·182	·182	·195	·198	·218	·192	·178	·*	·135	·114	·116	·114	·139	·105	·114	·123	30
31																									31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28' N LONG 0°19' W — HOURLY VALUES March 1878.

BAROMETER. CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.876	29.869	29.849	29.830	29.801	29.769	29.746	29.735	29.720	29.709	29.703	29.693	29.675	29.663	29.644	29.642	29.632	29.631	29.628	29.627	29.626	29.625	29.629	29.631	1
2	29.642	29.658	29.663	29.684	29.704	29.733	29.764	29.817	29.853	29.898	29.921	29.948	29.970	29.978	29.996	30.030	30.062	30.107	30.140	30.159	30.180	30.204	30.224	30.236	2
3	30.252	30.276	30.280	30.287	30.303	30.319	30.340	30.352	30.367	30.382	30.393	30.396	30.395	30.392	30.397	.401	.417	.434	.446	.447	.459	.473	.483	.479	3
4	.487	.488	.505	.508	.513	.527	.527	.528	.528	.524	.514	.502	.478	.468	.460	.448	.436	.422	.415	.418	.414	.400	.396	.383	4
5	.374	.366	.366	.384	.416	.445	.478	.490	.505	.518	.528	30.511	30.500	30.480	30.466	30.447	30.433	30.421	30.412	30.396	30.374	30.342	.316	.298	5
6	.280	.258	.232	.194	.192	.146	.131	.104	.069	.040	.014	29.980	29.933	29.887	29.884	29.880	29.894	29.901	29.922	29.944	29.966	29.992	30.006	30.019	6
7	30.032	30.028	30.041	30.050	30.054	30.071	30.079	30.086	30.080	.066	.053	30.015	29.973	29.949	29.928	29.902	29.903	29.905	29.899	29.894	29.863	29.855	29.841	29.832	7
8	29.823	29.818	29.851	29.877	29.914	29.921	29.941	29.966	29.989	.015	.035	.045	30.045	30.046	30.047	30.048	30.059	30.079	30.092	30.100	30.103	30.112	30.115	30.131	8
9	30.131	30.135	30.143	30.156	30.170	30.175	30.193	30.208	30.213	30.216	30.215	30.204	30.197	.171	.154	.134	.129	.112	.096	.078	.062	.041	.028	.013	9
10	29.988	29.964	29.943	29.926	29.914	29.914	29.923	29.925	29.932	29.936	29.950	29.969	29.982	.000	.017	.030	.052	.084	.110	.143	.164	.176	.188	.188	10
11	30.204	30.215	30.220	30.226	30.234	30.240	30.242	30.246	30.245	30.243	30.238	30.225	30.211	.194	.190	.175	.173	.182	.184	.180	.177	.176	.175	.158	11
12	.156	.150	.133	.125	.120	.134	.163	.209	.242	.265	.274	.278	.280	.278	.276	.270	.278	.277	.272	.272	.274	.268	.264	.262	12
13	.262	.263	.268	.272	.276	.286	.296	.308	.314	.336	.336	.349	.353	.347	.348	.349	.356	.367	.395	.413	.432	.446	.459	.464	13
14	.493	.480	.483	.488	.488	.489	.494	.501	.505	.498	.485	.472	.458	.431	.418	.404	.399	.395	.402	.397	.394	.385	.387	.387	14
15	.387	.382	.375	.369	.368	.369	.376	.386	.391	.398	.395	.396	.394	.395	.402	.414	.429	.453	.468	.480	.489	.505	.514	.519	15
16	.520	.525	.530	.531	.547	.564	.578	.593	.609	.617	.626	.622	.620	.615	.611	.599	.597	.600	.611	.618	.626	.622	.616	.613	16
17	.605	.596	.582	.565	.563	.562	.562	.558	.564	.557	.545	.527	.504	.496	.489	.478	.475	.478	.476	.474	.467	.452	.444	.426	17
18	.420	.403	.392	.370	.363	.362	.350	.346	.339	.319	.314	.298	.277	.245	.228	.208	.206	.210	.212	.224	.221	.223	.221	.220	18
19	.217	.221	.223	.220	.219	.232	.244	.257	.264	.272	.275	.271	.271	.270	.271	.275	.281	.296	.311	.326	.338	.341	.347	.349	19
20	.356	.350	.361	.360	.361	.362	.367	.378	.389	.398	.403	.404	.389	.381	.377	.365	.371	.373	.372	.378	.377	.374	.371	.365	20
21	.353	.344	.327	.319	.311	.309	.307	30.305	30.301	30.294	30.270	30.248	30.226	30.200	30.182	30.174	30.166	30.150	30.150	30.141	30.128	30.111	30.101	30.084	21
22	30.077	30.063	30.052	30.033	30.024	30.012	30.006	29.993	29.988	29.978	29.978	29.969	29.950	29.930	29.911	29.886	29.879	29.861	29.858	29.859	29.865	29.851	29.840	29.827	22
23	29.811	29.794	29.776	29.769	29.765	29.757	29.751	.755	.745	.743	.737	.725	.718	.694	.686	.672	.668	.670	.672	.673	.673	.665	.658	.656	23
24	.652	.639	.628	.620	.611	.608	.611	.606	.599	.580	.554	.532	.505	.477	.442	.467	.469	.461	.454	.445	.439	.434	.440	.426	24
25	.428	.439	.442	29.464	29.489	29.528	29.561	29.600	29.634	29.668	29.699	29.724	29.740	29.748	29.776	29.795	29.813	29.867	29.895	29.922	.941	.954	.963	.977	25
26	.986	.991	.998	30.009	30.020	30.037	30.053	30.062	30.073	30.070	30.062	30.061	30.050	30.038	30.031	30.022	30.023	30.022	30.016	30.008	.999	.983	.972	.957	26
27	.936	.903	.870	29.841	29.817	29.793	29.782	29.774	29.778	29.787	29.793	29.790	29.786	29.782	29.781	29.773	29.769	29.768	29.766	29.766	.766	.756	.749	.735	27
28	.716	.680	.668	.638	.615	.594	.581	.562	.540	.511	.486	.458	.420	.402	.380	.348	.338	.323	.306	.290	.279	.258	.234	.214	28
29	.184	.162	.154	.146	.140	.141	.151	.164	.172	.192	.207	.217	.229	.242	.241	.250	.243	.250	.255	.248	.251	.245	.236	.230	29
30	.226	.219	.219	.222	.226	.230	.233	.241	.242	.243	.251	.254	.269	.295	.311	.325	.344	.381	.412	.439	.461	.473	.479	.484	30
31	29.489	29.495	29.497	29.503	29.505	29.507	29.513	29.510	29.507	29.499	29.486	29.460	29.454	29.402	29.371	29.340	29.317	29.288	29.273	29.234	29.204	29.165	29.166	29.162	31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	51.1	51.1	50.9	51.5	51.2	51.6	51.9	52.1	52.9	53.5	54.5	55.8	55.8	54.0	54.1	53.1	53.0	53.1	53.5	53.5	53.5	53.7	53.8	53.7
2	54.1	53.9	53.1	52.9	52.0	51.5	51.2	50.5	51.2	51.8	53.0	54.2	54.1	54.4	55.7	54.0	52.8	52.1	51.5	50.0	49.2	49.1	48.3	47.0
3	45.0	43.1	42.7	41.3	40.8	40.6	39.9	40.1	43.1	46.0	51.0	53.4	54.6	55.0	55.1	56.0	54.6	52.0	50.1	49.7	47.7	46.5	45.4	45.1
4	44.7	43.8	43.1	44.0	45.0	45.8	46.0	47.0	47.9	49.5	50.2	52.0	53.5	53.6	53.3	51.7	50.1	48.0	46.5	44.8	45.3	45.8	46.3	46.3
5	45.1	45.2	46.2	47.3	47.6	45.6	43.9	43.3	43.3	46.0	47.8	49.5	50.9	51.3	50.9	50.0	48.9	47.0	46.6	47.3	46.9	46.6	47.0	47.9
6	48.6	49.2	50.0	50.0	50.3	50.7	51.0	51.0	51.6	52.1	52.0	51.3	52.1	53.2	55.2	56.0	55.3	54.6	53.9	53.0	52.5	52.0	51.0	50.6
7	50.0	49.8	49.7	48.5	48.0	47.7	47.0	47.0	48.9	50.0	51.1	52.0	54.0	55.7	56.1	56.1	55.5	54.6	54.0	53.0	50.9	50.7	50.4	50.1
8	52.2	51.6	49.0	47.8	45.2	44.0	44.2	45.0	45.7	46.1	47.0	47.2	47.8	47.4	47.9	47.8	47.0	45.6	44.9	44.5	44.1	43.6	43.0	42.5
9	41.7	40.5	40.0	38.4	36.8	35.7	36.3	37.0	38.1	39.5	40.9	42.8	43.7	44.1	44.3	44.3	42.9	42.3	42.0	42.1	42.6	43.0	43.3	43.2
10	43.0	43.4	43.5	43.9	44.0	43.9	43.6	45.0	45.6	46.2	48.9	49.3	50.8	50.4	50.7	50.8	49.8	47.7	46.2	44.9	44.2	43.0	41.8	41.0
11	40.5	40.3	40.2	41.0	41.0	40.5	40.2	43.1	46.1	47.0	48.3	49.7	51.8	51.2	50.8	51.2	51.0	49.5	49.0	48.4	47.9	47.8	47.4	47.0
12	47.4	48.0	48.1	48.4	48.8	49.0	47.8	43.2	43.9	44.3	45.6	46.5	48.0	48.8	49.5	49.5	48.8	46.9	43.1	43.0	41.1	39.9	40.3	40.0
13	41.0	40.6	39.1	39.1	38.2	38.0	38.0	38.4	39.1	41.2	41.0	41.4	41.2	42.1	42.2	42.8	42.2	42.1	40.1	38.0	37.1	36.8	35.6	34.7
14	33.8	32.6	31.9	31.5	30.9	30.8	30.9	32.3	34.9	38.4	41.9	44.0	45.6	45.7	46.4	46.0	44.4	43.0	42.1	41.2	40.3	39.8	38.1	37.3
15	36.6	35.0	34.3	34.1	34.6	36.0	36.0	37.5	38.9	39.3	40.4	42.6	43.3	43.0	42.3	42.0	40.9	39.7	39.0	36.9	35.0	34.2	34.7	35.0
16	35.1	35.2	36.0	35.9	35.0	35.0	35.5	36.3	37.0	38.1	39.0	39.6	40.3	40.1	40.9	42.0	41.1	40.0	37.7	35.0	34.7	33.8	32.2	31.4
17	30.2	30.0	29.0	29.0	29.1	30.0	30.1	31.6	33.5	36.6	41.4	44.5	47.1	48.1	48.0	47.6	46.6	45.7	44.9	44.2	43.9	43.2	43.1	43.0
18	42.0	42.1	42.0	41.5	42.8	43.1	42.3	45.3	47.2	49.7	50.8	51.5	52.0	52.0	53.4	53.7	51.3	51.0	50.6	49.5	48.7	48.5	48.0	48.0
19	48.0	48.0	47.8	47.5	47.3	47.3	47.3	47.7	48.1	49.0	50.6	53.0	52.9	52.7	52.5	52.1	51.0	50.1	49.9	49.0	49.0	48.4	48.0	47.4
20	46.9	46.1	46.1	45.7	45.0	45.3	45.2	45.7	46.8	47.9	50.4	52.0	53.4	53.6	54.0	52.9	51.3	50.2	48.9	48.1	47.6	47.0	46.8	46.4
21	46.0	45.7	45.6	45.0	44.9	44.2	44.9	45.8	47.5	49.3	52.0	52.8	55.0	54.3	53.7	53.2	52.5	51.3	49.4	49.1	48.2	47.5	46.9	46.3
22	46.0	45.4	44.0	42.2	41.0	40.1	38.2	39.0	40.0	41.2	40.6	40.3	42.8	42.0	43.0	42.0	41.2	40.5	39.4	38.3	36.7	37.0	36.1	33.0
23	32.0	31.0	30.4	29.7	28.9	28.6	29.1	31.0	33.7	35.4	37.5	38.6	40.0	41.7	40.9	40.7	40.9	39.6	37.7	36.6	36.0	34.6	33.5	32.7
24	32.3	30.0	31.1	30.1	31.0	29.6	29.8	31.7	34.0	35.9	40.0	41.4	42.0	43.4	43.6	33.0	28.7	31.9	31.5	30.8	30.0	30.3	29.1	31.4
25	31.5	30.0	29.2	29.1	31.0	31.7	32.0	32.9	34.0	35.8	39.2	40.7	42.0	42.8	41.0	40.0	41.1	38.0	35.5	34.0	33.7	33.0	32.2	32.0
26	31.0	30.4	30.5	30.1	29.0	29.1	29.4	32.0	35.0	38.0	41.4	42.6	44.3	44.3	44.7	46.0	44.4	43.6	41.2	37.9	36.8	35.4	34.7	33.6
27	33.0	32.4	32.8	32.3	32.5	32.6	34.6	36.2	37.7	40.0	41.6	42.5	45.0	45.9	46.3	45.0	45.8	43.6	39.3	37.9	36.0	36.0	35.2	35.0
28	34.2	33.0	33.0	32.0	32.6	33.1	34.0	36.0	37.9	39.4	40.9	42.0	43.0	41.7	40.1	39.6	37.8	36.0	36.1	35.9	35.5	35.7	35.1	35.2
29	35.9	35.9	34.2	33.5	33.2	33.2	33.5	33.5	33.7	33.6	34.0	33.7	34.9	34.9	34.9	35.1	35.7	35.9	37.2	37.0	36.7	35.0	34.2	33.9
30	34.0	34.9	35.0	33.7	32.8	32.6	32.6	32.9	35.1	36.9	38.0	40.9	38.7	36.9	36.8	38.0	39.7	39.8	38.1	37.2	35.5	35.0	34.7	34.0
31	33.5	33.0	32.1	31.4	30.9	30.8	31.8	34.3	37.4	37.6	40.0	41.6	42.3	43.7	43.3	43.9	42.1	41.9	41.7	41.8	42.1	42.0	35.8	33.0

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
50.0	50.0	49.9	50.2	50.4	50.8	50.9	51.0	51.5	52.0	52.5	53.2	53.5	52.2	52.0	52.0	52.0	51.9	52.0	52.0	51.9	52.0	52.0	52.0	1
52.0	51.6	51.0	50.7	50.4	50.5	50.1	48.5	49.2	48.7	48.4	47.8	47.6	47.0	47.8	46.9	46.1	46.1	45.2	44.6	44.5	44.6	44.3	43.8	2
43.0	41.3	40.9	39.8	39.1	39.3	38.9	39.0	41.1	43.1	46.2	47.3	48.0	48.6	49.1	49.5	49.1	48.3	47.1	46.5	46.1	45.5	44.7	44.6	3
44.0	43.2	42.8	43.8	44.1	43.7	44.0	44.8	45.0	46.2	47.0	48.1	49.0	48.7	48.1	47.1	46.6	45.6	44.8	43.2	43.9	44.0	43.2	43.0	4
42.6	43.0	44.0	45.1	44.1	42.0	41.0	40.1	40.0	41.1	42.3	43.0	44.1	44.1	43.8	43.5	43.0	43.0	42.7	42.9	43.4	44.3	45.1	46.1	5
47.0	47.6	47.9	47.9	48.0	48.0	47.9	47.5	48.0	48.1	48.0	48.0	48.8	49.0	49.7	48.9	48.8	47.7	47.5	46.3	45.2	45.1	45.0	44.6	6
44.1	44.2	44.0	44.1	43.9	43.6	43.4	43.2	44.4	46.0	47.1	48.2	50.0	51.1	50.2	49.8	49.0	48.2	47.4	47.6	46.6	46.3	46.1	46.1	7
47.1	47.0	43.2	41.9	38.9	38.1	38.7	39.1	39.3	40.0	40.0	40.1	41.0	40.3	40.5	40.2	40.0	39.9	39.4	39.2	38.8	38.8	38.9	38.6	8
37.9	37.1	37.0	35.7	34.0	33.1	33.8	34.1	34.5	35.0	36.1	37.5	38.1	39.0	39.3	39.2	39.8	39.2	39.1	39.4	40.1	40.3	40.7	41.1	9
41.5	42.1	42.9	43.1	43.6	43.4	43.0	44.0	44.9	45.5	47.1	46.1	45.2	45.0	45.2	45.1	44.2	43.0	42.6	41.2	40.8	40.3	39.4	39.2	10
38.9	39.1	38.8	39.4	39.4	39.4	39.5	41.8	44.1	44.6	45.0	46.0	46.8	46.4	45.9	46.0	45.0	45.2	45.1	44.9	44.6	44.7	44.6	44.6	11
44.8	45.2	45.8	46.1	46.9	47.2	45.8	41.5	40.0	39.1	40.1	39.9	40.9	41.0	41.2	41.7	40.8	40.3	39.6	39.1	38.8	38.0	38.3	37.6	12
38.0	37.3	36.6	36.8	35.7	35.3	35.2	35.0	34.6	35.1	34.9	34.8	35.0	35.2	35.7	36.0	36.0	36.6	35.5	33.9	33.7	34.0	33.1	31.8	13
31.0	30.0	29.7	29.5	29.1	29.0	29.9	31.0	*	35.8	37.5	37.6	39.1	37.6	39.0	38.0	37.5	37.5	37.3	36.9	36.0	36.1	35.1	34.8	14
34.2	33.4	32.8	32.4	33.0	34.2	34.5	36.0	36.9	37.2	37.9	37.7	38.0	37.1	36.2	35.7	35.1	34.0	33.8	32.4	31.4	31.7	31.4	31.8	15
32.0	32.1	33.6	33.7	33.1	33.1	33.0	32.9	32.1	32.9	33.1	33.6	34.2	34.0	34.5	35.3	34.7	34.1	33.6	31.5	31.9	31.0	30.1	30.0	16
29.3	29.0	28.4	28.3	28.3	28.9	29.0	30.1	31.8	*	37.9	39.6	41.7	42.0	41.3	41.2	40.4	41.0	40.8	40.4	40.0	39.9	40.0	40.0	17
40.0	40.0	40.0	39.9	41.0	41.6	41.1	43.6	45.0	46.3	47.0	47.2	47.8	48.0	47.1	47.4	46.7	46.3	46.2	46.0	45.9	45.9	46.0	45.9	18
46.0	46.0	45.7	45.2	45.0	45.0	45.0	45.2	45.8	46.1	47.0	48.8	48.5	48.1	48.0	48.1	47.6	47.0	47.1	46.8	45.5	45.0	44.8	44.2	19
44.1	44.0	44.0	44.0	43.6	43.9	43.9	44.0	44.7	45.2	46.3	47.0	47.4	47.0	46.8	46.4	45.1	44.0	43.7	43.8	43.9	43.8	43.6	43.2	20
43.3	43.1	43.0	43.0	42.9	42.7	42.5	43.1	43.9	44.1	45.0	44.9	46.0	45.0	45.5	45.5	45.4	44.7	44.0	44.0	43.5	43.1	43.2	43.2	21
43.3	43.7	40.4	38.8	36.7	36.1	34.8	35.0	36.0	37.5	38.1	37.4	38.0	36.1	36.5	35.8	35.0	35.0	34.0	33.9	33.0	33.5	32.7	30.6	22
29.9	28.7	28.0	27.8	27.0	*	27.1	29.0	30.2	30.0	*	*	33.4	33.5	33.0	32.9	33.6	33.1	32.0	32.3	32.7	32.6	32.0	31.6	23
31.3	29.0	30.8	*	30.2	28.9	28.9	30.0	31.1	*	33.0	34.5	34.3	35.0	35.3	*	27.2	28.4	28.9	29.0	28.0	28.2	27.1	29.7	24
29.0	28.0	28.0	28.1	29.3	30.1	30.7	31.5	*	33.4	36.0	36.7	36.8	36.2	36.9	35.0	35.8	34.1	33.0	32.1	31.7	31.0	*	*	25
*	29.1	29.1	29.0	28.6	28.7	28.9	30.7	*	34.5	35.3	35.7	36.5	35.6	36.5	37.1	36.3	36.2	35.5	34.0	33.2	32.9	32.6	32.0	26
31.6	31.2	31.2	*	*	†30.7	*	*	35.5	37.7	38.0	37.7	38.9	37.8	38.0	37.4	37.7	36.1	34.1	33.0	32.0	†31.6	32.0	32.4	27
32.5	32.0	32.0	31.0	31.9	32.2	33.1	34.2	36.0	36.8	37.0	36.0	36.5	36.0	35.3	34.8	34.9	34.2	34.1	34.0	34.1	34.2	34.1	34.0	28
34.1	34.0	33.4	32.9	32.7	32.7	32.9	32.9	32.9	32.8	33.1	33.0	33.0	33.0	32.7	32.4	32.2	32.1	33.1	33.0	32.9	32.0	31.9	31.8	29
32.0	32.9	32.9	*	30.0	29.8	30.0	30.0	*	†32.5	34.5	36.0	36.0	35.1	35.0	35.0	35.5	33.8	33.4	33.5	33.3	32.6	32.1	31.8	30
31.5	...	*	...	29.8	29.5	30.2	31.1	*	*	35.3	37.2	36.5	37.3	37.4	38.0	38.0	38.9	39.1	39.6	39.8	40.2	35.0	32.0	31

* Record defective or Instrument out of action † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT. Secretary.

KEW OBSERVATORY LAT: 51°28′ N. LONG: 0°19′ W.

HOURLY VALUES March 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	19	15	19	14	19	10·5	19	15	18	16	18	22	19	22	19	24	19	25	20	23	20	29	20	28
2	21	19	21	16	21	17	21	15	21	9·5	21	7·5	23	9·5	29	5·5	29	6·5	27	10·5	28	12	29	14
3	24	4·5	24	4	24	4·5	24	4	24	4	24	4·5	24	4·5	24	5·5	22	5·5	22	7·5	22	9·5	24	12
4	21	7·5	21	9·5	21	11	19	10·5	20	11	22	8·5	21	8·5	21	8·5	21	11	22	13	20	15	18	16
5	21	10·5	20	10·5	21	7·5	23	10·5	26	12	26	9·5	26	7·5	25	6·5	24	8·5	25	17	24	18	23	19
6	21	15	21	14	22	11	20	13	22	16	23	20	23	23	23	24	23	22	23	29	22	25	22	27
7	25	20	27	18	26	20	25	13	25	14	24	14	25	11	23	12	23	14	22	14	21	14	21	12
8	25	28	25	24	29	26	27	30	27	23	26	15	26	22	27	21	27	22	26	20	28	25	27	20
9	28	10·5	28	6·5	28	7·5	1	7·5	32	5·5	32	4	32	5·5	3	4·5	3	4	3	4	3	2	3	4
10	17	9·5	18	8·5	18	6·5	18	5·5	18	6·5	19	4·5	19	7·5	19	8·5	20	6·5	20	6·5	25	11	29	13
11	21	5·5	21	5·5	21	5·5	22	6·5	22	7·5	22	5·5	22	5·5	22	5·5	20	8·5	21	10·5	21	12	22	10·5
12	22	15	23	14	23	13	23	12	23	11	24	10·5	31	12	3	16	3	14	2	14	3	10·5	32	9·5
13	4	8·5	4	7·5	4	7·5	4	5·5	32	8·5	32	7·5	32	8·5	31	15	1	20	31	19	31	26	32	22
14	32	5·5	32	5·5	32	3	32	2	32	2	32	1·5	32	1·5	32	2	32	4	32	6·5	30	6·5	31	6·5
15	30	7·5	30	5·5	30	5·5	30	4·5	30	7·5	31	7·5	31	10·5	32	13	32	14	2	14	2	15	4	18
16	5	4·5	1	6·5	1	8·5	1	8·5	1	8·5	2	7·5	3	11	3	12	4	17	4	15	4	15	4	13
17	7	2	7	3	7	4	7	4	7	4	7	5·5	7	4·5	16	4	16	4·5	16	4·5	23	6·5	29	9·5
18	27	3	27	4·5	27	5·5	27	5·5	27	6·5	27	5·5	27	4·5	27	6·5	26	10·5	26	14	26	16	27	13
19	27	9·5	27	9·5	27	10·5	27	9·5	27	9·5	27	6·5	26	8·5	28	8·5	28	10·5	27	8·5	26	8·5	28	11
20	3	2	3	1·5	3	2	3	2	3	1·5	3	2	3	2	3	2	3	4	30	4	26	4·5	26	6·5
21	29	4	29	4	29	4·5	29	4	29	2	29	4·5	23	6·5	23	5·5	23	5·5	26	8·5	25	12	24	13
22	25	6·5	25	6·5	29	11	28	10·5	27	10·5	27	7·5	27	9·5	28	11	29	14	31	12	32	17	31	11
23	30	5·5	30	7·5	30	6·5	30	6·5	29	5·5	29	5·5	29	7·5	27	8·5	28	11	30	13	28	17	28	15
24	25	4	25	4	25	2	25	2	25	2	25	3	25	3	25	4·5	25	5·5	25	8·5	28	14	26	13
25	27	14	28	17	29	20	30	19	30	20	30	17	30	19	31	17	30	20	30	20	31	22	30	22
26	27	5·5	27	7·5	27	5·5	27	6·5	27	4·5	27	3	27	4·5	27	6·5	23	5·5	23	8·5	27	11	26	10·5
27	24	7·5	24	5·5	24	8·5	26	8·5	20	11	19	10·5	20	11	21	14	23	12	25	11	30	12	31	12
28	8	4	8	4·5	8	4	8	4·5	8	6·5	8	7·5	8	10·5	8	10·5	8	15	8	14	8	20	8	24
29	5	33	5	36	5	27	5	26	4	25	4	26	4	28	4	27	3	28	3	25	3	36	3	36
30	31	24	31	23	31	29	30	25	30	25	29	22	29	21	29	20	29	21	29	21	29	27	30	28
31	27	10·5	27	8·5	27	7·5	27	6·5	26	5·5	25	7·5	20	7·5	22	10·5	24	12	23	11	22	16	21	16

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT D	MIDT V
1	20	28	20	28	20	27	19	26	19	27	20	25	20	25	20	20	20	22	20	20	20	19	21	18
2	28	11	28	11	28	11	29	10·5	29	9·5	27	7·5	27	8·5	27	4	27	4·5	27	5·5	24	5·5	24	4
3	26	12	23	10·5	22	9·5	24	9·5	24	8·5	24	4·5	24	4·5	24	7·5	21	7·5	21	6·5	21	4·5	21	5·5
4	20	19	20	20	21	19	20	17	20	15	19	12	18	12	19	13	19	13	20	14	22	15	21	16
5	22	20	23	19	23	20	22	18	22	14	20	11	20	13	21	18	20	18	20	20	20	15	22	15
6	22	25	23	26	24	25	25	31	26	25	26	27	27	24	25	21	27	21	27	17	25	18	25	21
7	22	20	24	24	25	29	25	28	24	22	23	18	25	25	24	21	22	21	22	20	23	18	24	20
8	28	19	27	18	27	16	27	19	27	18	27	17	27	15	27	17	27	19	26	14	26	13	26	12
9	21	6·5	21	5·5	21	6·5	19	5·5	20	5·5	17	8·5	17	6·5	17	9·5	17	10·5	17	9·5	17	11	17	12
10	28	17	29	14	28	15	28	13	28	11	28	10·5	27	6·5	27	7·5	27	6·5	27	7·5	26	6·5	24	6·5
11	23	14	24	17	24	18	24	20	25	18	24	18	24	15	24	16	23	15	23	15	23	12	22	14
12	1	7·5	32	9·5	31	7·5	31	5·5	31	6·5	31	3	31	2	31	2	31	3	31	1·5	31	3	31	4
13	31	21	30	21	30	20	31	18	30	17	31	26	32	20	1	18	2	10·5	32	10·5	32	7·5	32	5·5
14	31	10·5	32	11	30	11	30	12	32	5·5	30	4·5	30	4	30	4	30	6·5	30	5·5	30	7·5	30	5·5
15	4	20	4	20	4	16	4	16	5	15	6	10·5	5	7·5	5	4	5	3	5	3	5	2	5	3
16	5	12	4	10·5	6	9·5	3	10·5	4	9·5	3	5·5	3	4·5	6	4	7	4	7	3	7	1·5	7	2
17	28	12	29	17	29	14	28	11	28	8·5	27	8·5	27	5·5	27	6·5	27	7·5	27	7·5	27	7·5	27	5·5
18	26	16	26	18	28	19	27	22	27	15	27	11	27	12	28	11	27	8·5	27	11	27	8·5	27	9·5
19	30	11	32	11	32	9·5	3	7·5	3	4·5	3	3	3	1·5	3	2	3	4·5	3	1·5	3	1·5	3	1·5
20	25	5·5	23	7·5	24	10·5	27	10·5	28	10·5	27	11	27	7·5	29	4	29	4·5	29	4	29	4	29	4·5
21	25	14	25	13	25	12	25	12	26	9·5	26	6·5	26	6·5	26	6·5	25	6·5	25	7·5	25	5·5	25	6·5
22	31	15	31	11	31	10·5	28	8·5	1	8·5	1	4·5	1	4·5	1	4·5	31	7·5	31	3	31	5·5	30	7·5
23	27	15	30	16	28	13	27	12	25	10·5	25	5·5	25	6·5	25	5·5	25	8·5	25	4·5	25	4	25	3
24	25	14	25	15	25	13	27	24	30	14	27	6·5	27	4	27	4	27	4·5	26	6·5	26	4	27	11
25	31	22	30	25	32	18	30	15	30	15	31	18	30	7·5	30	6·5	30	7·5	27	7·5	27	7·5	27	5·5
26	24	11	25	13	25	10·5	25	13	26	10·5	26	8·5	26	4·5	26	5·5	24	5·5	24	6·5	24	6·5	24	7·5
27	32	9·5	31	10·5	32	7·5	28	4·5	32	4·5	32	4	8	5·5	8	5·5	8	5·5	8	4·5	8	4	8	4
28	8	25	9	23	7	28	7	31	7	32	6	27	6	27	6	29	6	28	6	27	5	28	6	30
29	3	38	2	32	3	35	3	33	3	28	2	23	2	27	32	27	32	28	32	26	32	21	31	24
30	30	23	32	27	32	21	32	26	32	23	32	23	32	14	31	8·5	29	10·5	28	12	28	10·5	28	11
31	22	16	21	18	21	20	20	23	19	23	19	20	19	18	18	18	19	21	20	17	30	13	31	9·5

3 days

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	
1	-	-	-	-	·025	·040	·025	·010	·015	·005	-	-	-	-	-	-	·020	·005	·010	·010	·005	-	·005	-	175
2	-	-	-	-	-	·010	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	015
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	·005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	005
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	·040	·020	·020	-	-	-	·050	·040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Melted snow at 10 am. =									·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Melted snow at 10 am. =									·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	010
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	·020	·005	·010	·035	·040	·030	-	160
29	·005	·020	·015	·030	·015	·005	·030	·040	·055	†·180	·032	·010	-	-	-	-	-	-	-	-	-	-	-	-	435
30	-	-	-	-	-	-	-	-	-	-	-	-	·005	·020	-	-	-	-	-	-	-	-	-	-	025
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·100	·020	120
										·045	·032	·010	·005	·020	...	...	·020	·005	·010						
005	...	...	040	020	045	050	030	010	065	† ·120 in. of this amount was melted snow.										010	005	...	105	020	

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·347	·347	·347	·347	·355	·361	·359	·360	·362	·367	·368	·372	·381	·366	·359	·373	·374	·370	·367	·367	·364	·364	·363	·364
2	·359	·351	·346	·341	·345	·352	·348	·317	·325	·307	·286	·262	·258	·245	·252	·246	·242	·247	·236	·237	·243	·246	·247	·249
3	·253	·239	·235	·228	·219	·225	·225	·225	·235	·246	·259	·259	·263	·272	·281	·285	·285	·294	·287	·279	·291	·293	·287	·288
4	·278	·272	·272	·283	·277	·261	·265	·271	·264	·275	·284	·289	·294	·286	·276	·271	·277	·276	·277	·260	·270	·267	·245	·241
5	·244	·251	·263	·273	·249	·228	·225	·214	·212	·209	·213	·213	·221	·218	·216	*	·218	·233	·231	·228	·242	·265	·277	·288
6	·302	·310	·307	·307	·306	·302	·297	·288	·292	·288	·287	·295	·305	·297	·293	·272	·274	·257	·259	·244	·228	·229	·236	·232
7	·228	·232	·229	·241	·241	·238	·241	·237	·244	·265	·277	·294	·310	·321	·298	·290	·277	·267	·256	·269	·269	·264	·263	·266
8	·266	·270	·221	·206	·179	·174	·182	·183	·181	·189	·181	·181	·191	·183	·182	·178	·181	·191	·188	·188	·184	·189	·195	·196
9	·190	·187	·189	·181	·167	·162	·169	·167	·164	·160	·167	·176	·177	·187	·191	·189	·212	·208	·209	·213	·221	·221	·225	·234
10	·245	·253	·269	·268	·279	·275	·270	·275	·290	·297	·301	·273	·244	·241	·243	·241	·232	·227	·234	·219	·218	·221	·216	·219
11	·219	·225	·220	·223	·223	·229	·235	·250	·266	·266	·261	·268	·264	·261	·255	·253	·236	·254	·257	·258	·256	·259	·262	·266
12	·266	·267	·280	·283	·298	·303	·283	·243	·206	·188	·195	·184	·187	·185	·183	·191	·182	·187	·207	·199	·208	·208	·210	·200
13	·197	·189	·191	·194	·183	·178	·176	·169	·157	·150	·148	·144	·148	·146	·153	·153	·158	·167	·163	·155	·159	·167	·162	·147
14	·141	·133	·132	·133	·130	·130	·148	·154	*	·183	·183	·166	·179	·155	·171	·159	·163	·174	·178	·177	·170	·176	·174	·176
15	·172	·172	·169	·163	·169	·179	·184	·195	·198	·200	·201	·180	·178	·168	·160	·155	·152	·144	·146	·141	·139	·150	·141	·145
16	·147	·149	·168	·171	·166	·166	·161	·154	·136	·140	·136	·139	·143	·141	·143	·149	·144	·143	·153	·141	·149	·141	·138	·144
17	·145	·140	·142	·139	·138	·138	·139	·144	·158	*	·192	·195	·208	·205	·194	·195	·191	·209	·212	·211	·206	·211	·214	·215
18	·225	·224	·225	·228	·236	·244	·244	·263	·273	·274	·278	·277	·283	·287	·255	·259	·267	·261	·263	·271	·277	·279	·285	·283
19	·285	·285	·281	·274	·271	·271	·271	·271	·280	·276	·280	·295	·289	·282	·282	·288	·290	·285	·289	·294	·266	·259	·259	·255
20	·256	·264	·264	·268	·266	·270	·271	·268	·270	·268	·267	·266	·261	·252	·244	·247	·233	·224	·231	·238	·245	·249	·247	·244
21	·250	·249	·247	·253	·252	·257	·244	·248	·246	·234	·227	·220	·223	·211	·224	·228	·231	·228	·231	·234	·232	·231	·238	·245
22	·250	·264	·213	·202	·175	·173	·168	·164	·172	·188	·203	·193	·183	·161	·159	·156	·148	·152	·146	·154	·152	·157	·152	·140
23	·135	·121	·112	·116	·107	*	·107	·127	·127	·116	*	*	·134	·126	·123	·123	·131	·132	·130	·142	·153	·162	·162	·161
24	·161	·140	·168	*	·153	·146	·140	·140	·141	*	·129	·140	·134	·135	·137	*	·116	·109	·121	·130	·116	·118	·107	·138
25	·123	·116	·127	·132	·133	·143	·151	·158	*	·166	·179	·178	·171	·156	·178	·156	·160	·159	·161	·158	·154	·147	*	*
26	*	·137	·136	·139	·148	·149	·153	·151	*	†·165	·152	·151	·149	·137	·147	·146	·146	·150	·156	·158	·154	·160	·161	·160
27	·159	·158	·153	*	*	†·146	*	*	·185	·202	·193	·181	·180	·157	·157	·158	·156	·148	·149	·143	·142	†·136	·147	·154
28	·164	·167	·167	·157	·171	·170	·178	·179	·191	·191	·181	·159	·159	·161	·160	·156	·173	·179	·176	·176	·182	·182	·185	·182
29	·178	·176	·182	·180	·180	·180	·180	·180	·180	·177	·178	·180	·165	·165	·160	·153	·149	·145	·150	·149	·150	·148	·153	·154
30	·156	·163	·162	*	·131	·129	·133	·131	*	†·143	·165	·165	·184	·185	·184	·173	·167	·141	·147	·156	·167	·158	·152	·153
31	·153	-	*	-	·146	·141	·143	·137	*	*	·161	·179	·165	·165	·169	·173	·189	·206	·211	·220	·220	·229	·199	·167

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51.55' N LONG 10.18' W

HOURLY VALUES April 1878.

BAROMETER.

CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.326	29.333	29.337	29.338	29.324	29.331	29.333	29.325	29.323	29.319	29.314	29.318	29.315	29.315	29.313	29.328	29.330	29.336	29.343	29.350	29.348	29.343	29.331	29.355	1
2	.353	.356	.348	.366	.379	.403	.414	.424	.444	.469	.492	.483	.492	.507	.506	.516	.520	.516	.517	.520	.518	.506	.496	.488	2
3	.474	.461	.446	.435	.436	.438	.442	.451	.459	.469	.487	.513	.536	.545	.562	.577	.588	.610	.625	.642	.667	.680	.695	.707	3
4	.712	.716	.718	.721	.729	.725	29.719	.717	.724	.720	.721	.734	.737	.726	.730	.745	.753	.756	.759	.773	29.785	29.795	29.807	29.818	4
5	29.822	29.826	29.826	29.826	29.828	29.843	*	29.875	29.896	29.905	29.918	29.922	29.933	29.941	29.946	29.950	29.952	29.968	29.976	29.993	30.001	30.009	30.015	30.020	5
6	30.015	30.011	30.010	30.011	30.019	30.021	30.029	30.040	30.041	30.044	30.046	30.045	30.038	30.034	30.026	30.011	30.009	30.013	30.010	30.012	30.017	30.020	30.012	29.990	6
7	29.965	29.947	29.933	29.910	29.899	29.868	29.850	29.826	29.817	29.792	29.770	29.758	29.728	29.600	29.629	29.648	29.629	29.594	29.590	29.577	29.571	29.564	29.549	.541	7
8	.529	.508	.492	.478	.463	.467	.457	.459	.465	.468	.480	.491	.495	.514	.520	.518	.530	.554	.573	.589	.601	.606	.617	.635	8
9	.641	.651	.649	.663	.670	.696	.723	.727	.740	.768	.787	.790	.787	.800	.820	.831	.839	.854	.874	.886	.897	.897	.900	29.914	9
10	29.913	29.920	29.921	29.911	29.910	29.920	29.936	29.942	29.944	29.945	29.945	29.937	29.942	29.942	29.937	29.938	29.946	29.953	29.960	29.971	29.974	29.979	29.992	30.005	10
11	30.009	30.006	30.004	30.012	30.024	30.028	30.036	30.047	30.050	30.072	30.076	30.079	30.076	30.073	30.080	30.081	30.084	30.082	30.084	30.090	30.087	30.082	30.072	30.064	11
12	30.050	30.049	30.034	30.018	29.991	29.983	29.971	29.957	29.942	29.939	29.922	29.899	29.872	29.840	29.793	29.753	29.721	29.715	29.698	29.682	29.664	29.651	29.645	29.618	12
13	29.581	29.542	29.517	29.508	.509	.528	.541	.561	.560	.568	.580	.592	.594	.596	.594	.601	.608	.626	.644	.678	.702	.720	.726	.738	13
14	.736	.730	.725	.702	.690	.674	.662	.659	.649	.638	.638	.652	.646	.643	.638	.642	.649	.661	.673	.701	.727	.737	.748	.758	14
15	.761	.762	.757	.754	.749	.752	.754	.760	.758	.762	.758	.753	.741	.737	.727	.710	.701	.695	.685	.681	.673	.665	.653	.659	15
16	.660	.654	.645	.633	.621	.614	.613	.609	.611	.623	.629	.633	.636	.627	.626	.630	.619	.623	.626	.633	.659	.666	.668	.670	16
17	.666	.666	.664	.667	.673	.683	.699	.713	.733	.743	.748	.752	.755	.756	.751	.751	.745	.741	.739	.736	.735	.716	.708	.689	17
18	.675	.651	.629	.613	.600	.592	.589	.579	.566	.548	.542	.510	.496	.486	.463	.451	.445	.456	.465	.485	.495	.500	.499	.498	18
19	.495	.483	.467	.456	.441	.422	.409	.391	.365	.341	.307	.302	.287	.278	.260	.246	.245	.249	.253	.273	.284	.304	.305	.308	19
20	.302	.290	.280	.272	.253	.264	.273	.274	.273	.281	.291	.294	.297	.306	.309	.307	.317	.332	.344	.363	.376	.391	.398	.404	20
21	.420	.423	.436	.450	.463	.473	.500	.531	.564	.603	.626	.644	.656	.685	.701	.713	.734	.745	.756	.781	.797	.809	.809	.817	21
22	.808	.808	.802	.793	.782	.776	.775	.767	.744	.717	.689	.661	.642	.627	.616	.585	.567	.553	.541	.538	.539	.541	.547	.549	22
23	.542	.539	.541	.549	.552	.564	.583	.600	.611	.610	.621	.632	.639	.646	.645	.650	.648	.668	.670	.690	.695	.701	.696	.689	23
24	.687	.685	.683	.687	.696	.714	.731	.730	.737	.746	.746	.749	.762	.763	.760	.759	.762	.770	.776	29.789	29.801	29.823	29.820	29.837	24
25	29.840	29.844	29.849	29.861	29.869	29.886	29.905	29.929	29.947	29.955	29.952	29.960	29.965	29.969	29.968	29.968	29.976	29.990	29.996	30.017	30.036	30.057	30.063	30.076	25
26	30.079	30.083	30.080	30.082	30.078	30.090	30.099	30.110	30.114	30.120	30.122	30.125	30.124	30.130	30.126	30.124	30.130	30.136	30.135	.147	.152	.157	.161	.167	26
27	.165	.155	30.143	30.141	30.133	30.136	30.134	30.135	30.139	30.126	30.121	30.116	30.114	30.112	30.100	30.086	30.082	30.067	30.053	30.060	30.058	30.045	30.050	30.044	27
28	30.026	30.004	29.988	29.970	29.949	29.942	29.933	29.931	29.921	29.913	29.918	29.908	29.889	29.891	29.863	29.832	29.827	29.824	29.816	29.805	29.803	29.790	29.771	29.750	28
29	29.726	29.698	.679	.669	.650	.633	.622	.613	.601	.592	.570	.561	.555	.546	.524	.504	.500	.499	.505	.514	.523	.521	.516	.516	29
30	29.514	29.510	29.504	29.500	29.492	29.490	29.491	29.490	29.486	29.487	29.481	29.476	29.468	29.461	29.450	29.433	29.428	29.431	29.435	29.452	29.456	29.467	29.473	29.479	30
31																									31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	38.4	38.5	38.5	37.6	36.9	35.7	37.0	39.8	42.0	43.5	43.6	42.3	43.4	45.0	47.1	46.4	46.8	45.9	44.2	42.0	41.7	40.7	42.2	41.2	1
2	40.8	39.8	41.2	42.0	41.8	40.8	41.0	42.7	45.5	44.3	42.0	46.1	47.7	48.1	49.0	47.4	45.5	44.3	45.0	41.9	43.4	42.4	43.6	43.4	2
3	43.7	43.2	42.6	42.0	41.8	41.1	41.0	42.9	42.0	45.2	45.5	46.0	43.9	47.0	47.3	46.6	47.1	46.4	44.8	44.7	44.3	44.4	43.9	42.5	3
4	41.6	39.4	38.1	37.3	39.7	38.5	39.2	41.2	41.3	45.5	46.1	42.7	42.7	48.9	48.9	47.6	45.9	46.6	44.4	42.2	42.0	42.9	42.7	42.7	4
5	42.9	42.8	41.5	42.3	43.7	42.7	43.3	45.5	47.4	47.3	48.0	48.8	48.3	50.1	49.7	50.1	49.7	47.5	44.3	43.2	42.2	41.1	40.2		5
6	39.1	39.1	38.9	38.2	37.9	38.9	39.0	42.3	44.4	47.1	49.3	50.7	52.7	54.6	55.4	56.1	55.5	55.2	49.6	47.2	44.5	45.7	46.4	46.0	6
7	45.3	45.0	45.1	45.7	45.0	45.2	46.1	46.8	49.6	51.7	53.6	54.0	55.0	55.6	55.7	55.6	52.2	50.9	48.5	47.9	48.0	48.0	48.0	48.4	7
8	48.3	48.2	48.6	48.5	49.7	49.8	49.7	50.3	50.0	50.2	50.3	50.9	51.8	52.2	51.8	51.8	51.4	50.7	50.5	50.2	49.8	49.8	49.6	49.2	8
9	49.4	49.4	49.3	49.8	49.4	49.4	49.1	49.2	49.6	49.3	49.5	49.4	52.4	51.7	51.4	51.9	51.9	50.7	50.0	48.9	48.2	48.0	47.8	46.3	9
10	44.1	43.3	44.1	43.3	44.2	44.0	43.2	44.8	46.8	47.1	47.6	48.4	48.8	48.4	48.4	48.5	48.6	48.3	47.7	47.5	46.9	47.0	46.9	46.8	10
11	46.8	46.3	46.3	46.2	46.5	45.7	46.1	46.9	46.8	45.2	45.7	46.3	45.1	54.6	56.1	55.9	55.4	54.2	52.7	52.0	51.4	50.8	50.0	49.6	49.9	49.6	11
12	49.9	49.3	48.7	48.3	48.1	48.6	48.5	49.3	48.7	49.3	50.0	50.6	50.7	51.2	51.3	51.5	51.4	51.2	51.4	51.4	51.7	51.6	51.6	51.7	12
13	51.8	51.9	52.2	52.5	51.8	51.8	51.7	51.6	53.3	54.8	56.2	56.3	56.3	54.8	54.6	54.4	53.6	52.9	53.1	52.8	53.0	52.9	52.6	52.4	13
14	52.3	52.0	51.7	51.4	51.6	51.5	51.3	51.8	52.3	52.2	54.0	55.1	54.9	54.9	56.1	55.6	55.2	53.6	53.4	53.0	53.1	53.1	52.9	53.2	14
15	53.3	53.3	52.9	52.8	52.8	53.0	52.9	53.2	53.6	53.9	55.0	55.7	56.0	55.2	54.4	54.8	53.9	53.6	52.9	52.9	53.0	52.9	53.0	52.4	15
16	51.8	51.8	51.6	51.5	51.6	51.3	52.2	52.2	52.7	52.0	53.8	54.4	55.1	54.9	55.0	50.4	50.3	50.4	50.7	50.9	51.2	50.0	51.1	50.4	16
17	50.0	50.0	50.2	49.6	50.0	50.2	50.4	51.2	52.1	52.8	53.0	53.6	53.9	54.2	54.3	52.9	54.4	54.3	52.7	51.9	51.4	51.2	50.3	50.2	17
18	50.7	50.1	50.3	50.8	50.9	51.6	52.1	52.0	52.0	52.9	53.4	55.1	55.4	55.6	55.2	55.0	54.6	52.8	52.8	52.7	53.3	53.1	52.4	52.2	18
19	52.1	51.7	51.6	51.5	51.1	51.5	52.1	53.2	52.6	53.8	53.1	53.3	55.4	55.8	56.9	57.2	56.2	53.6	53.3	52.6	52.1	51.4	50.7	50.1	19
20	50.4	50.7	50.5	49.9	49.7	48.6	49.9	50.3	51.3	52.9	53.0	50.4	53.6	52.3	51.8	53.1	53.4	54.5	51.3	47.5	46.1	45.4	46.3	45.4	20
21	45.7	46.8	46.6	47.0	47.4	48.2	49.3	49.8	50.5	50.8	53.4	53.7	54.8	54.9	55.6	54.6	54.9	55.6	52.8	50.6	49.6	48.1	47.7	46.8	21
22	46.0	46.9	47.0	46.9	47.6	47.9	49.0	51.0	52.4	53.6	54.4	56.8	55.7	57.3	55.2	54.4	53.4	52.9	51.8	51.3	51.0	51.1	50.8	50.4	22
23	50.5	49.8	48.4	47.6	45.8	47.5	49.4	50.1	51.7	54.3	55.1	55.1	55.3	55.2	54.4	53.4	53.4	53.4	52.8	51.4	51.5	51.9	51.6	51.4	23
24	52.0	52.4	51.5	50.5	49.5	49.3	49.7	49.9	49.7	52.6	55.1	56.2	54.5	55.6	56.9	57.7	61.9	59.7	58.6	55.9	54.9	55.5	54.2	53.6	24
25	50.8	49.5	50.2	48.1	46.6	46.4	48.6	49.4	50.3	50.9	52.9	56.0	57.7	59.9	61.4	62.4	62.4	61.2	58.7	57.6	57.8	49.8	47.4	47.0	25
26	45.5	44.4	43.6	43.3	43.1	43.6	46.0	48.6	50.5	53.3	55.8	57.2	56.9	56.4	56.3	55.9	55.1	53.8	52.6	49.4	48.2	47.0	46.5	47.7	26
27	48.7	46.6	45.3	44.2	43.6	43.2	45.0	47.7	49.7	51.1	52.3	51.0	52.4	52.4	55.2	57.5	56.4	56.1	51.4	48.6	47.5	47.2	47.9	48.1	27
28	48.6	49.4	49.5	49.5	50.9	51.3	51.9	53.5	53.5	52.8	54.5	54.5	56.6	57.0	58.9	57.8	57.7	55.6	53.7	52.9	52.9	52.9	53.1	52.7	28
29	52.9	52.8	52.6	50.7	50.3	50.7	51.4	52.3	53.0	53.9	54.0	53.6	53.0	52.9	53.7	53.9	54.2	54.4	54.0	53.7	53.1	52.4	52.6	52.5	29
30	52.5	52.6	52.6	52.5	52.7	52.6	52.6	53.8	55.5	56.9	57.6	57.6	59.4	59.9	60.0	57.9	60.1	58.6	56.9	56.0	55.7	54.9	54.2	53.5	30
31																									31

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55′ N. LONG: 10°18′ W. HOURLY VALUES April 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	2	11	2	4.5	2	5.5	3	3	10	5.5	10	3	10	4.5	10	4	10	3	2	4	22	8.5	27	7.5
2	28	12	28	19	25	14	29	16	28	11	27	9.5	26	11	24	16	27	19	30	10.5	29	9.5	25	18
3	23	14	26	14	24	13	25	12	26	15	25	10.5	25	10.5	24	14	24	12	27	19	29	18	29	16
4	30	5.5	30	2	2	2	3	4	17	7.5	11	9.5	12	13	12	16	20	17	19	18	21	20	23	18
5	27	9.5	28	9.5	25	4.5	27	9.5	26	9.5	26	9.5	26	6.5	27	4.5	23	9.5	25	4.5	26	10.5	30	7.5
6	5	4.5	4	2	4	2	4	4	4	1.5	4	4	4	2	5	2	5	4.5	13	9.5	13	15	13	14
7	10	18	9	17	9	18	8	18	8	14	9	20	10	25	10	28	9	29	10	38	10	43	10	41
8	10	30	10	33	11	37	11	33	10	30	9	26	9	27	10	33	10	22	10	26	10	29	11	30
9	9	21	9	21	9	27	10	23	9	23	9	24	8	26	9	27	9	31	9	27	8	28	8	33
10	10	4.5	10	6.5	8	14	4	12	5	11	7	13	5	7.5	3	6.5	5	6.5	6	9.5	7	16	7	20
11	13	2	6	3	10	2	10	2	10	1.5	10	3	13	1.5	13	2	13	4	14	4	14	2	24	4
12	9	10.5	11	3	10	10.5	8	10.5	11	20	11	20	11	14	11	16	11	19	11	17	11	27	10	25
13	13	30	3	33	14	30	17	36	17	34	18	29	19	25	17	25	16	30	17	34	17	38	17	38
14	15	30	15	27	14	25	13	27	13	24	13	33	13	27	13	37	13	36	14	32	17	33	17	34
15	17	30	17	34	17	30	17	23	15	27	15	20	14	30	14	24	14	29	14	31	15	37	16	35
16	19	20	18	20	18	22	18	18	18	20	17	24	17	23	17	29	18	25	18	23	20	22	20	28
17	25	19	24	16	24	19	24	19	24	19	24	21	25	19	25	20	25	17	25	16	25	22	25	20
18	12	14	11	15	11	10.5	11	16	12	8.5	13	10.5	14	16	12	17	12	16	12	18	11	26	11	28
19	19	17	19	16	15	21	15	23	13	17	13	26	13	27	13	27	13	33	13	29	12	46	16	37
20	15	27	15	26	16	29	15	28	15	22	15	20	14	20	13	20	13	28	13	19	16	15	16	12
21	28	4.5	28	5.5	31	10.5	27	10.5	29	10.5	27	11	29	16	30	13	30	10.5	29	11	30	15	30	14
22	26	2	3	3	8	6.5	5	4	12	4.5	10	10.5	11	7.5	11	9.5	11	14	13	16	12	26	13	24
23	6	14	5	14	4	15	5	11	2	11	6	29	5	22	4	25	4	22	4	24	4	25	4	25
24	2	23	2	27	2	19	3	19	3	18	4	22	1	22	1	26	2	27	2	29	2	30	1	24
25	3	9.5	2	4.5	1	9.5	29	10.5	30	8.5	32	12	4	17	4	12	1	13	32	10.5	1	18	4	17
26	4	2	4	1.5	4	2	4	2	4	4	2	5.5	2	4.5	2	6.5	2	3	2	6.5	31	6.5	18	12
27	13	5.5	13	4	13	2	13	2	13	2	12	4	4	3	4	2	4	4	4	2	4	5.5	22	10.5
28	8	7.5	9	14	12	16	12	14	12	22	11	23	11	18	11	28	11	30	12	30	12	32	12	36
29	12	35	12	30	12	33	12	25	12	25	12	21	11	24	12	26	12	26	12	20	11	26	11	23
30	14	13	14	10.5	14	9.5	14	2	17	4.5	13	16	13	15	11	13	12	12	13	15	13	18	12	16
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V
1	21	8.5	24	11	27	13	27	12	28	12	28	12	28	10.5	25	13	25	10.5	27	17	26	29	26	23
2	27	16	25	20	26	20	27	13	27	14	26	13	24	20	25	13	26	14	23	17	23	13	24	15
3	28	16	27	14	28	17	27	19	27	17	28	17	29	14	29	13	30	9.5	29	8.5	30	4.5	30	7.5
4	20	12	25	18	28	20	25	17	27	11	24	12	25	12	24	8.5	27	12	27	10.5	27	10.5	27	9.5
5	27	10.5	29	9.5	27	10.5	27	8.5	28	4.5	27	6.5	28	3	28	2	28	1.5	30	2	8	2	9	1.5
6	14	12	14	11	14	17	13	16	14	24	13	22	12	20	10	11	10	10.5	10	13	11	16	11	19
7	10	42	11	44	10	40	10	41	11	41	10	38	10	40	10	37	10	40	10	34	11	32	10	35
8	12	33	11	27	10	27	10	28	10	28	10	17	9	19	9	18	9	18	9	21	9	20	10	18
9	9	36	9	30	9	24	10	19	10	20	9	15	9	15	8	16	8	14	9	13	8	9.5	8	3
10	7	18	5	10.5	5	7.5	6	8.5	5	5.5	3	4	3	4.5	3	4.5	3	3	6	2	8	1.5	8	3
11	21	7.5	19	8.5	18	11	20	12	21	11	18	9.5	15	8.5	15	8.5	15	4.5	9	7.5	9	6.5	9	5.5
12	10	27	10	26	11	31	11	34	11	39	12	32	12	28	12	22	12	22	13	27	13	17	13	24
13	17	39	16	40	17	41	17	44	17	40	18	36	18	37	18	30	17	31	17	29	16	23	16	28
14	14	40	16	38	17	47	17	44	18	40	18	39	18	38	18	34	18	30	18	29	18	30	18	36
15	15	36	15	36	17	34	15	35	15	31	15	31	15	28	16	26	15	29	16	29	17	31	18	25
16	20	29	20	30	21	28	21	24	21	28	21	27	22	26	22	25	24	16	23	19	23	18	23	17
17	25	19	25	17	24	13	25	12	25	8.5	22	9.5	22	4.5	15	6.5	13	8.5	11	9.5	10	11	10	7.5
18	12	24	13	28	12	25	13	20	15	16	21	17	22	14	21	17	21	21	20	19	19	20	19	19
19	14	38	13	39	14	39	14	38	15	40	17	36	17	40	17	40	18	40	18	34	18	32	16	28
20	15	14	15	17	18	10.5	18	4.5	18	8.5	20	5.5	22	6.5	23	6.5	24	4.5	24	4.5	24	4	28	4
21	30	12	28	10.5	27	17	27	14	28	15	27	12	27	11	26	7.5	26	4.5	26	4.5	26	4	26	2
22	12	28	12	29	12	21	12	26	11	20	11	19	10	16	9	19	9	22	8	20	8	25	8	21
23	4	26	4	24	4	24	2	21	2	22	3	15	4	15	3	17	3	20	3	20	3	22	2	27
24	1	17	1	19	32	14	32	14	4	16	1	15	1	8.5	4	5.5	3	10.5	5	13	5	22	16	11
25	2	15	3	17	4	16	4	15	3	15	6	9.5	2	10.5	32	6.5	11	3	11	3	11	4	4	3
26	21	14	21	18	21	21	21	20	22	18	22	13	22	11	22	5.5	22	2	22	1.5	22	2	13	6.5
27	21	10.5	16	12	16	16	15	16	15	20	14	18	13	18	12	9.5	7	9.5	10	17	10	12	8	9.5
28	12	32	13	32	12	33	12	35	12	35	13	30	12	25	12	27	12	25	12	29	12	30	12	31
29	11	21	11	22	10	24	10	22	10	14	11	10.5	11	13	13	10.5	13	13	14	23	14	11	14	17
30	13	20	14	17	14	19	12	16	12	16	13	13	13	17	15	5.5	15	1.5	21	1.5	31	5.5	31	3
31																								

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.010	.	.	.001	.001	.001	.001	.001	.	.	.005	.050	.003	.002	-	-	-	-	-	.032	.046	.097	.070	.013
2	.027	.053	.032	-	-	.	.038	-	-	.012	.050	.005	-	.	-	-	-	-	-	.	.	.	.	.
3	-	.023	.003	.004	.003	-	-	-	.035	.003	-	-	.	.	.	-	-	-	-	.	-	-	.	.
4	.	.	.	-	.005	.025	.	-	-	.080	...	*	...	-	.	-	.	.	.	.	.015	-	-	.
5	.	-	.	.003	.002	-	-	-	-	-	.	-	.	.	-	-	.	-	-	-	-	.	.	.
6	.	-	.	.	-	-	-	-	-	-	.	.	.	-	-	-	.	-	-	-	-	-	.	.
7	-	-	-	.	-	.	-	.	-	-	.	.	-	-	-	-	-	-	.	.023	.022	.028	.067	.072
8	.045	.065	.022	.005	.003	.002	.	.	.001	.002	.	-	.	.	-	.	.	.	.	.	.	.	.	.
9	-	.	.001	.001	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	-	-	-	-	-	-	-	-	-	-	-	-	.	.	-	-	-	-	-	-	-	-	-	-
11	-	.	-	-	-	-	-	-	-	-	-	-	-	.	.	.	.	.	.	.	.	.	.	.
12	-	.	-	.012	.013	.	.	.	.007	-	.	.	.	.020	.058	.057	.100	.117	.058	.060	.140	.025	.200	.070
13	.125	.113	.067	.003	.003	.002	.002	.	.	.	.	.	.	.030	.007	.006	.007	.	.005	.	-	.	.	.
14	.	.	.	.	-	.035	.050	.010	.003	.067	.010	.	.	.	.	.	.	.	.	.	.	.	.	.
15	-	.	.	.	.	.	-	.	.	.012	.	.	.	.023	.077	.003	.005	.010	.	.	-	.020	.	.
16	.001	.001	.001	.001	.001	.001	.001	.003	.008	.022	.	.	.	.	.	.	.	.012	.	.	.	.	.	.
17	.011	.162	.010	.	.030	.005	.010	.002	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015
18	.	.	.003	.005	.005	.002	.	.015	.050	.033	.005	-	.005	.015	.005	.005	.003	-	.	.	.	.	.004	.
19	.	.003	.001	.001	.001	.	.	.	.027	.003	.039	.050	.002	.	.	.	.002	.028	-	.	.	.	.	.
20	.	.	.	.015	.023	.100	.	.	.003	.	.040	.080	.	.	.	.	.	.	.008	.	.	.	.	.
21	.	.	.	.002	.003	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.003	-	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.
29	.002	.001	.002	.032	.030	.003	.002	.002	.	.003	.012	.040	.038	.002	-	.	.	.	.	.	.	.	.	.
30	.	.	.005	.	.	.005	.003	.002	.	.	.	.	.	-	.	.	.	.	.	.001	.002	.002	.	.
31																								
170	.221	.421	.147	.085	.126	.183	.107	.035	.137	.237	.161	.225	.048	.094	.150	.071	.117	.177	.071	.116	.225	.172	.341	.179
4	6	6	8	10	12	9	6	5	8	9	7	5	3	6	5	4	4	5	3	3	4	4	4	4

*Record defective or Instrument out of action. ‡Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
.208	.208	.204	.205	.199	.198	.204	.219	.227	.227	*	†.236	.247	.235	.234	.234	.213	.219	.211	.227	.228	.218	.229	.219	1
.221	.219	.223	.220	.209	.217	.211	.216	.222	.233	.223	.239	.246	.234	.241	.233	.236	.221	.235	.217	.226	.214	.220	.206	2
.221	.230	.221	.211	.198	.196	.208	.214	.225	.227	.233	.225	.227	.237	.228	.229	.232	.232	.224	.223	.225	.208	.228	.211	3
.198	.201	.211	.201	.218	.217	.226	.233	.232	.257	.237	.233	.267	.227	.232	.230	.243	.226	.220	.209	.207	.216	.211	.204	4
.200	.204	.213	.209	.207	.200	.212	.229	.239	.234	.239	.227	.249	.240	.238	.240	.236	.240	.244	.223	.231	.231	.226	.218	5
.217	.217	.213	.206	.209	.211	.212	.232	.240	.248	.254	.264	.282	.278	.282	.294	.290	.274	.263	.247	.241	.245	.254	.242	6
.241	.239	.234	.241	.237	.245	.254	.255	.253	.257	.262	.267	.268	.262	.264	.244	.248	.256	.279	.288	.285	.295	.302	.300	7
.311	.312	.317	.319	.308	.315	.316	.324	.334	.337	.349	.354	.359	.355	.348	.341	.343	†.334	†.329	†.325	†.322	.322	.322	.322	8
.320	.317	.318	.320	.317	.322	.316	.305	.303	.299	.297	.295	.306	.286	.292	.295	.278	.247	.239	.232	.227	.222	.232	.225	9
.225	.227	.239	.233	.242	.234	.236	.247	.237	.242	.239	.242	.249	.248	.252	.253	.256	.259	.271	.265	.272	.266	.269	.270	10
.275	.274	.274	.265	.259	.270	.279	.274	.282	.283	.262	.266	.281	.288	.275	.270	.276	.277	.290	.287	.293	.289	.283	.264	11
.272	.281	.292	.292	.303	.305	.304	.313	.321	.323	.317	.325	.337	.345	.354	.358	.356	.355	.361	.366	.368	.369	.371	.376	12
.375	.378	.380	.390	.380	.380	.373	.374	.388	.395	.401	.393	.384	.390	.383	.386	.388	.381	.376	.369	.371	.367	.361	.366	13
.357	.340	.337	.338	.348	.360	.365	.358	.362	.372	.377	.371	.371	.376	.382	.382	.379	.374	.374	.374	.377	.382	.384	.371	14
.376	.381	.372	.369	.372	.366	.364	.374	.381	.383	.392	.389	.391	.384	.397	.392	.393	.388	.387	.378	.391	.387	.380	.374	15
.361	.348	.350	.350	.348	.352	.350	.355	.356	.335	.340	.340	.338	.340	.342	.325	.341	.339	.324	.333	.319	.322	.329	.328	16
.329	.339	.343	.337	.334	.340	.343	.345	.355	.364	.352	.349	.348	.348	.344	.328	.338	.336	.335	.339	.336	.343	.329	.315	17
.329	.331	.352	.356	.367	.373	.376	.377	.383	.384	.391	.408	.421	.423	.418	.415	.408	.397	.380	.381	.384	.379	.377	.369	18
.360	.357	.359	.360	.355	.363	.368	.371	.380	.383	.362	.378	.366	.375	.369	.367	.365	.350	.318	.320	.317	.301	.307	.292	19
.305	.314	.302	.303	.301	.300	.313	.297	.309	.312	.312	.328	.317	.314	.276	.303	.293	.297	.271	.263	.260	.263	.279	.276	20
.268	.270	.282	.275	.277	.293	.306	.307	.319	.318	.335	.346	.354	.348	.352	.348	.350	.344	.343	.325	.310	.301	.301	.306	21
.292	.302	.303	.294	.300	.313	.317	.331	.315	.310	.314	.325	.315	.326	.330	.300	.299	.302	.326	.314	.299	.300	.292	.291	22
.288	.282	.273	.265	.263	.269	.272	.275	.293	.306	.301	.319	.332	.338	.335	.340	.340	.335	.338	.323	.325	.326	.325	.338	23
.343	.333	.327	.314	.294	.292	.296	.294	.288	.301	.306	.306	.297	.316	.328	.348	.363	.367	.364	.349	.321	.307	.288	.289	24
.280	.282	.274	.271	.260	.258	.258	.272	.275	.279	.274	.285	.290	.313	.312	.317	.333	.334	.327	.317	.330	.310	.288	.288	25
.277	.267	.263	.258	.261	.248	.267	.280	.286	.287	.279	.287	.280	.286	.306	.316	.308	.299	.301	.303	.300	.282	.291	.301	26
.304	.292	.277	.267	.270	.260	.282	.296	.295	.284	.271	.288	.295	.295	.302	.314	.301	.305	.272	.267	.259	.249	.258	.266	27
.278	.289	.296	.302	.314	.317	.311	.316	*	†.337	.340	.340	.347	.346	.338	.328	.343	.332	.316	.328	.338	.346	.329	.307	28
.316	.320	.325	.334	.329	.331	.341	.331	.345	.345	.347	.377	.374	.384	.389	.393	.391	.394	.400	.396	.388	.366	.368	.373	29
.378	.381	.386	.387	.390	.390	.392	.400	.409	.395	.384	.366	.376	.399	.403	.391	.419	.416	.415	.408	.406	.402	.403	.401	30
																								31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG 6°39′ W — HOURLY VALUES April 1878.

BAROMETER. CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·027	29·006	28·993	28·980	28·966	28·961	28·956	28·954	28·935	28·935	28·933	28·927	28·926	28·917	28·919	28·918	28·917	28·939	28·941	28·943	28·941	28·954	28·956	28·950
2	28·954	28·954	28·950	28·957	28·961	28·975	28·986	29·003	29·022	29·031	29·051	29·049	29·067	29·080	29·101	29·109	29·123	29·130	29·138	29·157	29·174	29·178	29·177	29·181
3	29·180	29·171	29·168	29·160	29·163	29·162	29·164	·165	·173	·175	·183	·181	·177	·178	·204	·206	·217	·226	·242	·288	·326	·360	·386	·409
4	·427	·439	·450	·459	·474	·492	·504	·518	·532	·540	·533	·535	·531	·523	·510	·506	·505	509	·512	·511	·519	·543	·548	·551
5	·553	·551	·557	·569	·581	·598	·622	·630	·648	·658	·672	·686	·691	·690	693	·696	·709	·721	·729	·737	·751	·759	·766	·770
6	·775	·781	·786	·790	·803	·818	·832	·841	·853	·862	·868	·874	·879	·881	·883	·879	·881	·889	·900	·904	·912	·911	·911	·907
7	·911	·911	·899	·878	·865	·860	·862	·864	·857	·843	·827	·816	·801	·792	·770	·749	·733	·716	·697	·689	·674	·662	·654	·642
8	·652	·643	·627	·618	·599	·599	·592	·591	·571	·583	·577	·580	·582	·589	·597	·600	·608	·619	·635	·633	·649	·655	·663	·703
9	·718	·739	·748	·746	·756	·761	·784	·801	·809	·823	·828	·833	·854	·855	·842	·843	·852	·846	·848	·877	·886	·884	·889	·899
10	·893	·886	·877	·876	·866	·869	·881	·873	·870	·867	·876	·868	·870	·860	·854	·842	·842	·850	·846	·858	·866	·861	·869	·877
11	·874	·876	·878	·864	·870	·868	·875	·884	·887	·900	·901	·899	·905	·896	·888	·869	·875	·882	·887	·900	·895	·890	·892	·890
12	·904	·897	·900	·900	·894	·889	·888	·879	·877	·872	·860	·851	·838	·821	·799	·774	·753	·739	·727	·716	·704	·690	·671	·657
13	·617	·579	·541	·513	·495	·475	·473	·460	·445	·457	·460	·473	·487	·486	·487	·475	·476	·482	·494	·501	·516	·525	·539	·551
14	·553	·555	·572	·572	·568	·587	·601	·595	599	·591	·593	·583	·559	·562	·541	·530	·519	·510	·502	·501	·510	·516	·528	·535
15	·542	·552	·558	·570	·581	·583	·595	·602	·614	·622	·619	·616	·612	·601	·592	·584	·575	·571	·569	·581	·581	·565	·565	·549
16	·536	·517	·504	·480	·469	·458	·462	·454	·455	·447	·454	·442	·438	·419	·407	·386	·411	·403	·402	·412	·411	·409	·418	·409
17	·401	·396	·395	·390	·391	·399	·414	·422	·437	·444	·452	·455	·457	·461	·467	·476	·481	·479	·487	·503	·511	·513	·519	·514
18	·511	·497	·494	·485	·485	·491	·486	·485	·477	·470	·463	·456	·434	·423	·409	·396	·385	·377	·371	·373	·363	·362	·355	·333
19	·309	·301	·293	·284	·283	·295	·297	·305	·311	·307	·303	·284	·279	·268	·254	·234	·229	·221	·206	·214	·218	·218	·224	·226
20	·224	·214	·226	·222	·226	·240	·249	·251	·254	·255	·255	·246	·247	·249	·242	·237	·237	·237	·243	·259	·264	·271	·270	·284
21	·286	·288	·290	·284	·291	·305	·329	·344	·361	·377	·398	·409	·436	·452	·470	·487	·508	·520	·535	·559	·584	·601	·612	·625
22	·630	·631	·633	·635	·627	·636	·649	·654	·654	·642	·626	·619	·608	·599	·586	·569	·560	·553	·555	·558	·550	·552	·548	·554
23	·553	·552	·547	·549	·556	·558	·558	·553	·559	·560	·556	·558	·559	·564	·557	·558	·566	·571	·583	·604	·621	·626	·633	·639
24	·633	·631	·640	·628	·616	·622	·631	·641	·646	·644	·645	·650	·642	·645	·642	·646	·654	·660	·679	·701	·720	·733	·745	·750
25	·752	·757	·774	·777	·779	·792	·805	·824	·839	·858	·866	·871	29·867	·871	·873	·871	·879	·885	·894	·904	29·930	29·946	29·949	29·967
26	29·968	29·966	29·961	29·962	·968	29·975	29·981	29·990	29·997	29·999	·996	·999	30·001	·996	·988	·979	·989	·991	·997	·999	30·010	30·007	30·005	30·008
27	30·013	30·008	30·002	30·000	·999	30·009	30·013	30·011	30·010	30·002	·995	·984	29·982	·973	·958	·947	·939	·935	·928	·940	29·944	29·942	29·942	29·940
28	29·936	29·924	29·908	29·898	·895	29·892	29·896	29·892	29·879	29·867	·851	·843	·838	·825	·805	·787	·781	·764	·766	·756	·753	·744	·737	·729
29	·729	·698	·685	·672	·657	·652	·638	·633	·619	·601	·582	·561	·555	·535	·518	·497	·479	·464	·462	·458	·446	·437	·427	·419
30	29·403	29·401	29·393	29·378	29·374	29·375	29·372	29·367	29·363	29·358	29·363	29·360	29·351	29·348	29·341	29·332	29·323	29·324	29·325	29·333	29·334	29·333	29·332	29·338
31																								

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	30·9	30·3	31·7	31·9	31·7	32·5	33·2	33·5	36·7	39·6	41·2	41·0	43·0	44·0	39·9	41·6	42·1	40·2	38·4	37·8	37·1	37·3	37·0	36·3
2	36·5	35·6	36·9	36·5	36·8	36·9	37·0	39·0	41·1	43·0	44·7	45·0	43·7	46·0	43·9	44·1	40·7	41·8	39·9	38·6	38·1	36·6	36·1	35·8
3	35·0	34·1	34·2	34·2	35·8	35·9	36·4	37·0	38·7	40·0	41·0	43·5	46·1	45·0	40·0	39·8	40·1	40·4	40·4	39·8	37·9	38·5	38·1	35·7
4	34·6	33·4	33·0	32·9	32·0	32·3	33·9	36·5	40·0	42·9	46·0	45·5	47·9	46·1	49·2	46·1	44·0	43·1	41·6	40·3	39·6	39·0	38·0	37·9
5	36·7	35·9	34·9	33·6	34·0	34·0	35·2	37·6	40·4	43·2	43·9	46·2	46·4	48·4	48·9	48·4	49·1	47·8	45·3	43·2	42·1	41·9	41·7	41·2
6	40·8	40·3	38·9	37·9	37·0	36·6	38·0	39·9	44·0	46·9	49·1	51·0	52·7	52·7	53·1	51·2	50·8	48·4	46·1	44·4	44·0	43·7	42·4	42·4
7	41·8	41·9	41·1	41·0	41·3	41·2	41·0	45·0	47·1	48·6	49·9	51·0	51·2	51·3	51·0	51·2	51·3	49·7	47·2	46·6	47·4	47·0	46·2	45·2
8	43·4	42·0	42·1	41·8	41·8	41·0	42·7	43·8	44·9	46·2	48·1	47·9	49·9	50·0	49·7	49·6	49·0	48·8	49·5	50·0	47·4	45·9	44·3	43·3
9	42·9	41·7	41·3	41·1	41·0	41·0	42·0	43·9	46·1	47·3	49·0	50·4	50·0	51·0	50·6	50·9	50·0	48·5	46·1	44·6	42·4	41·9	41·0	41·0
10	40·3	41·0	40·1	40·1	40·2	40·5	40·7	40·8	42·2	42·5	43·0	42·9	43·4	42·9	42·4	44·3	45·1	44·2	44·0	43·2	42·9	42·7	41·6	40·7
11	39·9	39·4	39·7	41·0	42·5	42·8	43·1	43·5	44·4	45·7	46·9	50·3	52·4	52·7	54·6	55·0	54·3	52·9	52·0	51·2	51·0	49·9	50·1	48·5
12	48·4	47·6	46·9	46·2	46·9	47·0	47·0	48·3	48·2	48·9	49·7	49·9	50·0	50·5	51·5	50·9	50·0	50·3	49·2	48·8	47·7	47·6	47·0	47·5
13	47·9	47·7	47·0	47·0	47·1	46·9	47·0	47·9	49·0	49·5	51·0	51·0	51·8	54·0	54·6	56·5	57·0	55·9	55·0	53·9	52·8	52·0	51·9	52·2
14	52·2	51·9	52·0	51·7	50·0	49·1	49·4	50·7	52·7	52·0	53·0	---	---	*	---	---	53·0	52·8	52·8	52·2	51·7	51·8	51·8	51·7
15	52·0	51·7	49·9	49·2	49·9	50·5	52·0	53·3	54·2	55·2	*	†58·3	*	†58·9	*	†58·3	*	*	55·7	53·7	52·8	52·9	52·1	51·9
16	51·8	50·7	50·4	50·1	49·6	49·5	50·3	50·9	51·9	54·2	55·9	55·0	56·7	57·5	58·6	54·6	52·0	51·0	52·1	50·6	50·4	49·0	48·2	48·9
17	48·9	48·3	48·0	48·0	47·7	47·0	48·0	48·8	50·0	51·6	53·2	54·1	54·0	54·2	55·9	52·3	52·4	52·9	51·1	49·9	48·1	46·8	46·1	43·7
18	43·4	44·0	42·0	41·9	40·9	39·0	39·6	42·2	48·0	55·2	57·1	57·0	57·9	56·8	55·1	54·6	52·6	51·9	50·0	48·6	48·4	49·2	49·6	49·7
19	49·1	49·1	49·1	49·1	49·6	50·0	51·4	52·9	54·7	55·2	57·3	57·4	58·2	58·0	55·7	56·2	54·0	51·8	51·7	50·4	50·6	50·5	50·8	50·9
20	50·6	50·0	48·9	48·1	47·1	45·6	47·7	48·4	53·5	55·0	55·3	55·1	55·7	54·9	54·2	52·9	51·6	50·6	49·9	48·2	46·7	46·9	46·0	44·4
21	45·0	46·0	46·3	46·5	46·3	45·3	47·4	48·2	51·0	53·8	54·9	56·2	53·9	55·1	55·2	53·2	53·9	52·8	51·7	49·7	47·0	46·7	47·0	46·1
22	46·0	45·4	45·7	45·1	44·7	46·0	48·9	51·6	54·0	55·2	56·9	57·3	57·7	57·3	57·6	57·1	58·0	55·9	54·3	53·0	52·2	51·8	51·6	50·2
23	50·0	49·3	48·0	47·8	47·2	47·7	47·9	49·0	49·5	49·9	50·3	50·2	49·9	50·7	51·8	51·9	52·0	52·3	51·8	50·0	47·8	47·2	46·2	45·4
24	44·3	44·2	43·6	43·6	43·0	43·9	44·2	45·8	49·9	51·7	53·6	54·5	57·2	57·9	57·8	56·4	56·3	55·1	52·9	50·1	47·2	45·0	43·0	42·0
25	41·9	41·0	40·2	39·4	39·6	40·1	43·6	46·5	49·1	51·1	52·5	54·2	54·7	55·0	55·1	54·7	54·0	52·7	50·7	47·8	46·1	44·0	42·9	42·3
26	43·4	43·0	42·9	40·4	41·0	39·8	42·2	44·0	45·5	45·6	47·5	49·0	49·1	49·7	51·0	50·0	48·1	47·8	47·0	46·4	45·9	45·6	45·6	45·1
27	45·2	44·9	44·7	42·7	40·7	39·9	42·8	43·9	47·0	49·4	51·2	53·0	55·9	56·0	56·1	56·1	55·0	53·9	51·7	49·7	48·1	47·1	46·3	43·0
28	44·5	44·2	44·6	43·0	39·1	40·2	42·8	46·1	53·0	55·0	57·5	57·4	57·9	57·9	57·8	56·9	55·5	54·0	53·6	52·1	50·1	49·0	49·0	48·7
29	48·4	48·0	48·0	47·9	47·0	47·8	49·9	51·9	54·7	56·4	56·2	56·3	57·4	59·0	55·9	56·7	56·0	55·0	53·3	52·8	52·3	53·2	52·9	52·2
30	52·1	51·8	50·4	50·6	50·7	50·2	50·2	50·1	51·2	52·2	52·0	51·3	50·9	50·9	52·0	52·4	53·0	53·2	53·0	52·5	52·0	51·5	50·1	50·1
31																								

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·9	29·4	*	30·8	30·9	31·3	...	*	...	36·9	37·8	38·1	39·2	38·3	36·9	38·9	38·3	37·1	36·0	35·3	35·2	35·0	35·3	34·9
2	35·2	35·3	35·8	35·2	35·6	35·5	36·0	37·4	38·9	40·0	40·8	40·7	40·9	43·3	41·0	40·9	39·9	39·6	37·9	37·0	37·0	35·5	35·1	34·7
3	34·0	33·2	33·2	33·3	34·9	34·9	35·8	36·0	37·4	38·3	39·0	40·7	41·7	40·5	39·0	38·9	39·6	39·8	39·8	39·1	37·1	37·8	37·0	35·0
4	33·9	32·9	32·4	31·9	31·2	31·4	32·7	35·1	38·0	40·0	42·1	41·0	42·6	40·7	42·8	41·1	40·4	39·2	38·8	38·3	37·5	37·7	36·5	36·6
5	36·0	35·2	34·1	33·0	33·3	33·3	34·7	36·9	39·2	40·8	40·7	41·1	40·8	41·9	41·9	41·7	43·4	42·6	42·0	40·3	39·6	39·3	39·2	38·9
6	38·7	38·0	37·4	36·6	36·0	35·5	36·9	38·2	41·0	43·1	43·9	44·6	45·3	45·4	45·7	44·7	44·4	43·7	41·9	40·2	40·0	39·2	40·2	40·3
7	40·0	40·1	38·9	39·3	40·0	39·9	39·7	41·7	42·1	43·6	45·0	45·1	41·9	43·1	42·3	42·4	42·3	42·2	41·7	41·8	41·3	40·7	40·1	39·8
8	39·0	38·6	39·2	39·0	38·9	38·7	39·7	40·1	40·6	40·9	42·1	42·0	42·9	42·9	43·2	43·6	43·7	43·0	43·0	42·4	42·3	41·3	40·7	39·9
9	39·5	38·9	38·9	38·5	38·6	38·9	39·5	40·9	42·0	42·4	43·0	43·3	42·7	43·0	42·4	42·4	42·9	42·5	42·3	41·7	40·0	39·7	38·9	39·1
10	38·8	38·8	38·0	38·1	38·6	39·0	39·8	39·9	40·5	40·8	40·9	41·7	42·1	42·1	41·6	42·9	42·9	42·0	41·5	41·0	40·8	40·3	40·0	39·1
11	38·7	38·2	38·6	39·9	41·6	41·7	42·0	42·5	43·2	44·1	45·0	47·1	48·2	48·4	49·5	49·2	48·9	49·1	48·7	48·2	47·8	47·1	46·9	46·2
12	46·2	45·9	45·7	45·2	45·7	45·8	45·9	46·5	46·6	46·6	46·4	46·9	46·9	47·6	48·0	48·8	48·0	47·4	46·6	46·4	45·9	45·9	45·9	46·5
13	46·7	46·4	46·0	46·0	46·0	45·9	46·0	46·9	47·9	48·2	49·2	49·8	50·6	52·1	52·9	54·2	54·2	53·5	52·7	51·3	50·7	50·1	50·2	50·9
14	51·0	51·0	50·9	50·3	48·9	47·9	47·9	48·9	49·9	49·8	50·3	51·7	51·0	51·0	52·8	51·9	51·0	50·6	50·7	50·0	49·8	49·9	49·9	50·0
15	50·0	49·2	48·0	47·8	48·6	49·1	50·6	50·9	51·9	51·9	53·5	53·5	52·9	53·0	53·4	52·7	52·8	51·9	51·1	50·6	50·3	50·0	50·0	49·7
16	49·6	49·0	49·0	48·7	48·6	48·4	49·1	49·8	50·1	51·5	52·9	52·0	52·7	53·5	53·9	52·3	50·8	50·3	51·2	50·0	50·0	48·0	47·3	47·9
17	47·9	47·9	47·3	47·2	47·2	46·6	47·3	48·0	48·8	49·2	49·9	51·2	50·7	51·2	52·5	50·0	49·7	49·4	49·2	48·1	47·0	45·9	45·0	43·0
18	43·0	43·3	41·5	41·6	40·3	38·3	39·0	42·0	47·2	50·9	52·0	51·1	53·0	52·1	51·3	50·4	49·7	48·3	48·1	47·8	47·6	48·0	48·3	48·5
19	48·3	48·3	48·0	48·2	49·0	49·3	50·0	51·0	52·0	51·9	52·6	52·3	54·2	53·5	52·6	52·3	50·8	49·8	49·6	49·0	49·6	49·6	49·8	49·8
20	49·0	48·7	47·3	46·8	46·0	45·0	46·3	46·8	50·4	50·7	51·0	50·3	50·9	49·5	49·6	49·4	49·1	48·4	48·2	47·0	45·9	46·0	45·0	44·0
21	45·0	45·7	45·9	46·0	46·0	45·0	46·6	47·4	48·9	50·2	50·3	51·5	50·2	51·4	50·0	49·2	50·3	49·7	47·3	46·4	45·2	44·4	46·0	45·2
22	45·0	44·9	45·0	44·9	44·1	45·2	47·5	49·4	50·7	50·7	51·7	51·8	51·9	51·7	51·7	51·3	52·0	51·2	50·6	50·3	50·0	49·9	49·5	48·5
23	48·2	47·7	46·9	46·5	45·9	45·9	46·7	47·4	47·9	47·9	48·0	48·5	48·8	49·0	49·7	49·9	50·1	50·4	50·0	48·4	46·7	46·0	45·2	44·7
24	43·4	43·0	42·3	42·2	42·0	42·8	42·9	43·9	47·0	48·4	49·9	50·4	51·7	49·8	51·8	51·0	51·0	50·3	49·0	47·0	45·1	43·9	42·0	41·2
25	41·0	40·2	39·8	39·0	39·0	39·3	42·2	44·0	44·2	44·3	45·4	47·6	47·0	48·3	48·9	49·0	48·1	47·4	45·8	44·3	43·2	42·1	41·2	41·0
26	41·6	41·1	40·5	39·0	39·7	38·7	40·8	41·2	42·3	42·3	42·8	43·3	43·2	43·9	44·2	44·1	42·7	42·2	41·7	41·7	42·0	42·6	42·6	42·9
27	43·0	42·8	42·1	40·4	39·0	38·3	41·1	41·5	43·9	45·2	46·8	47·7	49·4	49·1	49·0	48·9	48·1	47·8	46·7	45·9	44·7	44·0	43·6	41·8
28	42·2	42·1	42·0	41·0	38·1	39·5	41·7	44·5	48·9	49·2	49·4	46·9	49·0	50·0	51·1	50·7	47·8	46·6	46·3	46·4	46·0	45·6	45·1	45·4
29	45·1	45·0	45·1	45·1	45·0	45·3	46·9	48·2	49·6	50·9	51·0	51·0	51·9	52·9	51·7	52·1	51·9	52·1	51·6	50·9	51·0	51·0	50·9	50·9
30	50·8	50·9	49·9	49·9	50·0	49·8	49·9	49·7	50·3	50·9	50·9	50·7	50·2	50·3	51·4	51·9	52·2	52·1	52·2	51·9	51·7	51·1	50·0	50·0
31																								

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
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ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21'N. LONG: 6°39'W.

HOURLY VALUES April 1878.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V	DAYS
1	23	6·5	23	7·5	23	10·5	24	9·5	22	10·5	23	11	23	10·5	22	10·5	24	14	26	18	24	19	24	19	25	20	23	27	20	24	19	25	19	26	19	24	14	24	14	23	14	24	15	23	12	24	14			1
2	24	12	24	11	24	12	24	12	24	9·5	23	9·5	23	8·5	24	14	25	15	25	18	25	20	26	17	28	14	26	16	24	14	25	7·5	26	14	23	11	23	9·5	22	8·5	22	8·5	21	8·5	21	11			2
3	20	9·5	20	7·5	20	7·5	20	8·5	20	9·5	20	8·5	20	7·5	20	5·5	20	5·5	20	4·5	23	6·5	23	5·5	24	6·5	27	6·5	26	4	26	3	26	5·5	26	4·5	28	5·5	28	4·5	28	4·5	28	5·5	28	4·5			3
4	28	4·5	28	4·5	26	5·5	26	4	26	5·5	24	6·5	22	6·5	22	5·5	22	6·5	21	6·5	20	10·5	20	8·5	19	9·5	20	5·5	14	10·5	14	15	15	19	15	15	17	15	16	13	16	4	15	10·5	12	6·5			4
5	12	4·5	11	5·5	11	3	11	3	11	2	11	2	11	2	11	3	11	4	5	5·5	5	5·5	5	4·5	5	4·5	5	4	3	4	3	4·5	21	7·5	19	7·5	19	9·5	18	10·5	17	9·5	17	9·5	17	11	17	8·5			5
6	17	6·5	17	6·5	17	5·5	17	6·5	17	5·5	17	6·5	17	6·5	17	5·5	17	6·5	18	5·5	19	6·5	19	6·5	18	8·5	19	7·5	19	6·5	19	4·5	16	9·5	16	11	16	11	15	12	15	11	15	14	14	15	14	17		6
7	14	17	12	15	12	12	12	12	12	11	12	12	12	6·5	13	13	13	24	13	22	13	28	14	27	13	28	12	23	12	23	12	23	12	21	11	13	9	13	11	13	11	19	11	19	10	22	10	20			7
8	12	15	12	11	11	13	11	12	11	13	10	12	10	12	11	16	11	26	11	22	11	28	11	24	11	22	12	21	13	18	11	18	10	12	10	12	11	10·5	10	21	9	22	9	20	10	25	10	23			8
9	10	20	8	16	8	16	7	13	8	14	9	15	9	15	9	17	8	20	8	18	9	22	9	20	10	20	12	24	8	23	8	23	8	20	8	20	9	12	9	10·5	6	12	8	12	7	8·5	8	7·5			9
10	8	8·5	8	8·5	7	7·5	7	5·5	7	7·5	7	7·5	6	9·5	6	9·5	6	12	6	12	5	15·	5	12	7	13	6	11	8	10·5	7	10·5	6	10·5	7	8·5	6	11	7	11	6	12	6	12	6	10·5	5	8·5			10
11	5	8·5	5	9·5	5	4·5	5	4·5	5	9·5	7	14	7	13	7	12	7	9·5	8	9·5	8	11	9	11	8	14	9	12	9	11	9	11	12	10·5	12	4·5	12	4·5	12	4	12	3	12	3	12	4	12	4			11
12	12	4	12	3	12	2	12	2	12	4·5	12	5·5	12	8·5	12	12	13	9·5	12	12	12	14	12	12	12	11	12	11	12	12	12	9·5	12	11	13	16	13	18	13	16	14	17	12	16	12	17	12	22			12
13	12	25	11	29	12	31	12	29	12	29	12	32	12	29	12	29	13	34	13	28	13	30	14	20	14	12	12	10·5	11	10·5	13	15	15	17	15	15	15	19	16	18	17	17	17	17	17	17	13			13
14	17	12	18	14	18	12	19	15	18	15	18	11	17	13	17	11	17	12	15	14	15	14	15	16	14	15	16	17	14	17	13	14	14	18	16	17	16	23	16	20	17	20	17	17	17	14					14
15	17	15	18	19	19	15	18	10·5	18	8·5	18	10·5	18	14	18	16	19	17	18	18	18	17	17	18	17	16	17	17	16	17	17	15	17	15	17	15	17	17	17	12	16	17	16	14	17	16					15
16	15	16	14	16	13	13	13	16	13	14	14	13	14	11	14	12	15	12	17	16	16	14	16	16	16	12	15	14	12	16	13	15	19	11	18	4	18	6·5	18	5·5	18	4·5	18	6·5	18	7·5	18	7·5			16
17	18	5·5	18	6·5	18	7·5	18	5·5	18	4	18	4	18	4·5	18	3	18	4	18	4	17	4·5	17	4	17	3	18	3	18	4·5	27	4	27	2	27	3	27	2	27	2	27	3	27	3	27	4·5	27	4			17
18	27	2	27	4	27	2	27	3	27	1·5	27	2	27	3	27	3	27	6·5	14	14	13	19	13	18	12	14	11	16	11	15	12	15	13	16	13	16	13	20	13	16	12	19	13	18	13	17	13	16			18
19	12	19	12	17	13	16	13	12	14	11	15	10·5	16	9·5	16	12	16	12	15	15	16	18	12	17	13	12	12	16	13	17	13	21	14	22	13	21	14	24	13	22	13	21	13	17	13	13	13	16			19
20	14	14	14	12	15	9·5	15	9·5	15	7·5	15	5·5	15	8·5	15	5·5	14	5·5	12	7·5	13	9·5	12	8·5	12	6·5	12	10·5	13	10·5	12	13	12	11	11	10·5	12	6·5	12	7·5	12	4	12	5·5	12	4	12	4·5			20
21	12	3	12	2	12	2	12	2	12	3	12	4	12	4·5	12	4	9	5·5	7	6·5	6	5·5	6	5·5	6	8·5	11	7·5	10	6·5	7	7·5	7	4·5	7	4·5	7	4·5	7	5·5	7	4	7	4	7	4·5	7	4			21
22	7	3	7	3	7	3	7	4·5	7	4	8	9·5	11	11	11	8·5	11	8·5	11	14	13	18	13	16	12	19	16	7	9	15	10	14	11	13	9	16	8	13	8	13	8	10·5	8	13	9	13	8	16			22
23	9	10·5	7	11	6	14	5	18	6	14	5	16	3	16	3	11	3	13	3	13	3	13	3	10·5	3	13	5	15	4	12	5	10·5	5	7·5	5	8·5	3	8·5	3	9·5	3	11	4	13	4	10·5	4	6·5			23
24	4	8·5	4	10·5	3	5·5	1	11	3	14	3	14	3	16	4	18	3	16	3	15	2	17	3	12	4	18	5	16	3	14	3	15	3	12	3	14	4	11	4	11	4	7·5	4	4·5	4	4·5	4	6·5			24
25	4	6·5	4	5·5	4	5·5	4	7·5	4	8·5	4	8·5	4	11	4	13	5	14	5	15	6	17	5	14	5	14	5	12	6	12	3	12	3	11	3	8·5	3	8·5	3	6·5	3	4·5	3	4	3	4	3	3			25
26	4	4·5	6	4·5	6	4	6	2	6	1·5	6	1·5	6	1·5	6	4	6	5·5	6	6·5	6	5·5	6	7·5	6	9·5	5	7·5	4	7·5	4	6·5	4	5·5	5	5·5	5	5·5	5	4·5	5	4·5	5	2	5	2	5	2			26
27	5	2	5	2	5	4·5	6	6·5	6	6·5	6	4·5	6	4·5	6	8·5	6	8·5	6	8·5	9	9·5	7	9·5	13	9·5	12	12	12	13	12	15	12	14	12	12	12	12	13	7·5	12	10·5	12	7·5	12	6·5	12	4·5			27
28	14	5·5	14	4·5	14	6·5	14	4	16	3	16	2	16	3	16	3	12	11	12	13	14	17	13	19	14	17	13	18	13	18	13	16	14	18	13	15	13	15	13	14	12	14	12	15·	12	14	11	13			28
29	11	12	11	11	11	12	11	11	10	9·5	12	9·5	11	11	8	8·5	11	12	12	16	11	18	11	18	11	16	12	18	12	13	12	14	11	11	11	13	12	13	11	12	10	9·5								29
30	13	8·5	11	6·5	8	7·5	9	8·5	11	9·5	9	6·5	8	5·5	8	5·5	9	4·5	11	6·5	10	6·5	9	7·5	9	6·5	6	6·5	9	5·5	8	4·5	8	6·5	5	4·5	7	5·5	8	4	11	4	11	4·5	6	4·5	6	4			30
31																																																			31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 204 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.010	.	.	.060	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.030	.	.020	.030	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	3
4	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.020	.010	.040	.	.010	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010✓	.	.	.	.	.	.	.040	12
13	.050	.060	.050	.020	.040	.020	.040	.020	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.010	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.070	.060	.	.110	.010	.	.	.	16
17	.	.070	.	.	.	.	.	.	.	.	.	.	.010	.	.	.020	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.	.	.	.	18
19	.010	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.	.	.	29
30	.010	.020	.	.	.050	.030	.	.	.	.	.	.	.020	.030	.	.	.	.	.	.	.	.	.	.	30
31																									31
	.050 ✓	.070 ✓	.160 ✓	.060 ✓	.020 ✓	.090 ✓	.050 ✓	.040 ✓	.030 ✓	.010 ✓	...	...	...	.050 ✓	.050 ✓	.060 ✓	.080 ✓	.150 ✓	.080 ✓	.030 ✓	.140 ✓	.020 ✓	...	.020 ✓	.050 ✓	
	2 ✓	3 ✓	4 ✓	3 ✓	2 ✓	3 ✓	3 ✓	2 ✓	2 ✓	1 ✓	...	...	...	3 ✓	3 ✓	2 ✓	5 ✓	4 ✓	3 ✓	2 ✓	4 ✓	2 ✓	...	1 ✓	2 ✓	

*Record defective or Instrument cait of action. Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	.148	.146	*	.155	.160	.159	...	*	...	.191	.193	.199	.201	.177	.188	.208	.194	.189	.186	.180	.185	.179	.187	.188	1
2	.192	.192	.197	.192	.195	.192	.200	.207	.212	.215	.214	.209	.225	.256	.225	.221	.237	.220	.206	.203	.207	.196	.194	.190	2
3	.184	.179	.178	.180	.193	.192	.203	.200	.210	.213	.216	.223	.219	.206	.226	.226	.238	.238	.238	.230	.211	.219	.207	.196	3
4	.187	.181	.175	.167	.162	.163	.171	.190	.207	.216	.227	.211	.218	.201	.212	.208	.213	.200	.207	.210	.202	.212	.199	.202	4
5	.204	.196	.187	.181	.182	.182	.196	.211	.226	.228	.219	.207	.200	.202	.199	.199	.223	.219	.201	.219	.217	.213	.213	.211	5
6	.212	.204	.208	.202	.200	.196	.206	.212	.224	.236	.232	.229	.227	.229	.232	.229	.227	.234	.222	.205	.205	.194	.225	.227	6
7	.232	.236	.212	.221	.232	.231	.229	.227	.215	.231	.246	.238	.182	.200	.190	.190	.188	.197	.207	.215	.199	.192	.196	.193	7
8	.203	.200	.210	.209	.206	.210	.213	.200	.208	.203	.207	.207	.207	.206	.216	.223	.230	.219	.213	.198	.216	.213	.215	.210	8
9	.207	.207	.211	.208	.208	.213	.216	.223	.224	.219	.217	.210	.203	.201	.194	.192	.206	.212	.230	.231	.221	.221	.215	.217	9
10	.221	.221	.206	.208	.216	.221	.234	.235	.233	.236	.232	.250	.253	.268	.254	.259	.250	.242	.234	.232	.231	.229	.229	.220	10
11	.221	.218	.222	.233	.253	.251	.254	.261	.265	.270	.278	.285	.288	.289	.294	.284	.284	.302	.303	.302	.294	.289	.283	.285	11
12	.268	.288	.292	.290	.292	.293	.296	.294	.297	.290	.283	.285	.284	.295	.293	.319	.309	.292	.287	.285	.287	.288	.296	.304	12
13	.303	.290	.296	.298	.297	.297	.298	.308	.320	.321	.328	.343	.354	.363	.377	.390	.383	.379	.367	.343	.343	.338	.341	.355	13
14	.358	.362	.358	.347	.332	.315	.315	.324	.324	.330	.330	...	...	*	...	...	.347	.340	.343	.332	.334	.336	.336	.339	14
15	.308	.310	.310	.314	.325	.332	.351	.341	.355	.345	*	*	.351	*	.331	*	.331	*	.321	.328	.333	.323	.334	.329	15
16	.328	.326	.330	.326	.330	.326	.334	.344	.339	.345	.364	.349	.348	.360	.357	.361	.356	.356	.366	.353	.353	.322	.315	.321	16
17	.324	.328	.317	.314	.318	.313	.317	.325	.329	.320	.318	.338	.327	.337	.354	.331	.323	.309	.327	.313	.308	.299	.286	.269	17
18	.272	.272	.266	.259	.243	.224	.231	.265	.314	.321	.326	.306	.340	.332	.331	.316	.320	.298	.312	.322	.317	.320	.322	.326	18
19	.329	.329	.321	.326	.340	.342	.343	.348	.362	.345	.338	.330	.369	.355	.358	.345	.329	.333	.329	.330	.343	.344	.346	.344	19
20	.327	.327	.306	.303	.297	.292	.296	.300	.326	.316	.323	.308	.316	.292	.299	.309	.318	.313	.316	.307	.302	.299	.287	.283	20
21	.309	.304	.305	.305	.307	.295	.307	.317	.321	.317	.310	.326	.316	.334	.301	.302	.318	.316	.276	.277	.285	.266	.298	.291	21
22	.297	.297	.291	.296	.281	.292	.311	.325	.327	.316	.321	.320	.319	.317	.315	.310	.318	.323	.322	.330	.332	.336	.328	.320	22
23	.314	.311	.307	.300	.298	.286	.303	.308	.314	.308	.306	.320	.330	.326	.331	.334	.338	.341	.338	.319	.306	.295	.290	.287	23
24	.270	.263	.255	.252	.255	.262	.261	.268	.287	.300	.313	.316	.318	.272	.316	.312	.313	.308	.300	.286	.275	.273	.255	.249	24
25	.244	.239	.241	.233	.231	.231	.252	.269	.238	.222	.231	.258	.246	.266	.277	.282	.269	.268	.264	.257	.247	.246	.239	.242	25
26	.244	.236	.226	.222	.229	.222	.239	.228	.236	.234	.225	.222	.220	.227	.222	.228	.218	.212	.209	.216	.226	.240	.240	.250	26
27	.257	.250	.238	.226	.218	.214	.238	.235	.251	.255	.270	.271	.283	.276	.273	.271	.262	.264	.263	.266	.266	.252	.253	.257	27
28	.241	.244	.237	.234	.219	.235	.257	.275	.297	.284	.267	.223	.257	.276	.300	.299	.253	.241	.239	.263	.264	.268	.257	.266	28
29	.362	.361	.358	.351	.352	.363	.356	.352	.353	.356	.356	.362	.354	.367	.372	.379	.380	.374	.380	.378	.380	.371	.360	.360	29
30																									30
31																									31

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG. 4°18′ W

HOURLY VALUES April 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	28.859	28.831	28.805	28.789	28.765	28.744	28.737	28.717	28.713	28.695	28.691	28.697
2	28.761	28.764	28.769	28.765	28.773	28.791	28.805	28.815	28.825	28.849	28.851	28.867
3	29.101	29.103	29.105	29.111	29.119	29.133	29.143	29.151	29.155	29.161	29.155	29.167
4	.349	.364	.377	.384	.403	.421	.441	.461	.473	.489	.484	.494
5	.572	.573	.570	.574	.582	.602	.614	.620	.638	.638	.647	.646
6	.792	.798	.798	.806	.814	.822	.838	.850	.860	.878	.872	.878
7	.966	.962	.961	.957	.954	.956	.954	.954	.950	.938	.928	.924
8	.848	.838	.828	.830	.828	.840	.836	.836	.824	.806	.793	.771
9	.939	.935	.938	.946	.946	.957	.967	.971	.973	.984	.981	.981
10	29.989	29.985	.981	.975	.973	29.985	29.988	29.987	29.983	29.977	29.984	29.970
11	30.005	30.000	29.995	29.996	29.996	30.000	30.002	30.004	30.011	30.007	30.019	30.001
12	30.031	30.025	30.023	30.015	30.015	30.025	30.025	30.011	29.997	29.986	29.977	29.951
13	29.819	29.800	29.781	29.765	29.759	29.745	29.731	29.725	.715	.705	.690	.667
14	.594	.590	.586	.578	.580	.589	.600	.608	.608	.608	.612	.618
15	.562	.556	.554	.552	.555	.568	.582	.596	.610	.618	.624	.630
16	.604	.600	.582	.566	.562	.558	.551	.546	.544	.534	.534	.522
17	.424	.422	.416	.412	.414	.428	.436	.446	.456	.458	.459	.457
18	.509	.505	.499	.503	.505	.513	.521	.525	.523	.525	.521	.513
19	.444	.429	.413	.403	.397	.391	.391	.393	.391	.383	.378	.374
20	.324	.312	.308	.296	.302	.312	.316	.326	.322	.324	.324	.309
21	.290	.282	.276	.276	.282	.296	.306	.334	.354	.393	.422	.444
22	.691	.702	.712	.718	.732	.744	.754	.762	.764	.756	.736	.723
23	.677	.675	.675	.681	.679	.689	.687	.681	.687	.677	.662	.671
24	.738	.720	.722	.722	.718	.722	.728	.730	.732	.732	.734	.735
25	.832	.834	.838	.850	.860	.870	.882	.896	.908	29.919	29.921	29.918
26	29.987	29.983	29.981	29.983	29.981	29.990	29.993	29.997	29.999	30.001	30.008	30.006
27	30.044	30.042	30.041	30.034	30.034	30.044	30.044	30.046	30.046	30.045	30.028	30.017
28	29.982	29.972	29.962	29.954	29.948	29.952	29.962	29.954	29.952	29.942	29.927	29.911
29	.805	.795	.795	.783	.775	.779	.763	.759	.751	.731	.701	.686
30	29.541	29.523	29.509	29.503	29.492	29.487	29.484	29.482	29.465	29.444	29.440	29.420
31												

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	28.685	28.689	28.685	28.683	28.697	28.705	28.717	28.722	28.731	28.733	28.741	28.749
2	28.879	28.904	28.923	28.947	28.965	28.989	29.011	29.031	29.049	29.063	29.078	29.093
3	29.171	29.173	29.181	29.183	29.199	29.223	.251	.265	.282	.301	.321	.339
4	.498	.500	.510	.523	.522	.526	.536	.548	.558	.562	.568	.576
5	.654	.660	.662	.666	.678	.702	.720	.741	.748	.764	.778	.786
6	.890	.890	.888	.896	.902	.923	.928	.939	.950	.958	.966	.966
7	.910	.896	.872	.848	.842	.838	.842	.854	.857	.856	.854	.854
8	.757	.755	.751	.745	.759	.787	.815	29.837	29.859	.887	29.907	.923
9	.977	.963	.955	.959	.979	.998	.991	30.007	30.003	29.997	30.001	29.997
10	.973	.964	.962	.956	.948	.962	.984	.000	.000	30.006	.010	30.013
11	.997	.996	.985	.981	.979	.985	.997	30.025	30.032	30.043	30.033	30.027
12	.927	.903	.879	.863	.849	.845	.843	29.843	29.835	29.833	29.833	29.833
13	.652	.636	.624	.619	.608	.602	.596	.598	.592	.594	.597	.598
14	.624	.624	.622	.606	.608	.598	.588	.596	.591	.580	.575	.568
15	.628	.622	.614	.612	.608	.608	.615	.620	.625	.620	.620	.616
16	.506	.488	.472	.466	.464	.460	.458	.456	.455	.446	.444	.441
17	.453	.446	.445	.445	.455	.463	.472	.485	.491	.499	.504	.505
18	.501	.485	.469	.457	.451	.451	.453	.459	.459	.466	.455	.451
19	.364	.364	.356	.352	.348	.344	.346	.350	.346	.344	.338	.332
20	.290	.272	.270	.266	.272	.276	.280	.292	.290	.297	.292	.292
21	.462	.472	.482	.500	.528	.542	.571	.600	.624	.643	.666	.679
22	.717	.705	.697	.685	.683	.675	.691	.701	.697	.698	.691	.693
23	.674	.684	.694	.680	.698	.698	.724	.741	.754	.750	.738	.744
24	.740	.741	.736	.740	.746	.760	.778	.799	.806	.810	.818	.820
25	29.921	29.909	.909	.910	.919	29.929	29.941	29.961	29.971	29.978	29.979	29.985
26	30.010	30.002	.998	.994	.997	30.002	30.013	30.024	30.034	30.039	30.044	30.046
27	30.012	29.996	.986	.974	.972	29.964	29.966	29.980	29.982	29.980	29.990	29.984
28	29.893	.875	.855	.845	.833	.837	.839	.839	.840	.827	.819	.809
29	.663	.639	.619	.593	.585	.573	.570	.575	.571	.571	.562	.551
30	29.418	29.420	29.404	29.394	29.392	29.395	29.402	29.408	29.400	29.409	29.406	29.401
31												

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9.	10	11	MIDT.
1	32.9	32.5	32.3	33.5	33.3	33.4	35.0	36.3	37.8	38.9	40.3	41.3	41.1	42.1	42.3	42.5	41.8	40.1	40.2	40.0	40.2	39.9	39.9	40.4
2	40.3	40.1	39.9	39.8	39.9	40.8	40.2	41.4	43.5	44.8	45.9	46.9	48.9	48.0	46.9	46.0	45.1	44.3	43.1	42.4	41.1	40.3	40.3	40.1
3	39.9	39.5	37.2	36.2	36.1	35.9	37.8	39.2	42.5	44.4	45.9	42.0	42.1	44.9	44.0	43.8	43.1	40.2	39.0	37.1	37.1	37.1	36.7	36.3
4	35.8	35.3	35.3	35.5	34.8	35.0	35.9	38.0	40.7	44.0	45.0	46.3	46.1	46.2	45.9	43.9	45.1	42.0	41.2	39.3	38.9	37.8	36.6	34.7
5	34.7	33.3	33.2	31.3	31.3	31.0	31.3	34.4	40.0	43.3	44.2	45.8	47.0	48.9	50.0	47.3	48.8	47.1	45.3	41.8	39.1	38.2	37.2	35.9
6	33.5	33.0	32.8	31.3	31.2	32.0	33.0	34.9	37.3	41.3	45.8	48.3	44.8	48.0	51.6	51.3	50.6	48.7	45.3	42.7	41.8	39.5	38.8	37.2
7	35.5	34.8	34.8	34.4	33.5	33.5	35.9	39.2	42.7	47.1	51.5	52.6	53.8	53.7	55.3	55.8	55.2	53.3	51.0	49.3	44.9	40.7	39.5	38.3
8	37.8	37.0	36.2	35.2	36.0	36.2	38.2	42.1	46.5	48.8	51.1	53.0	54.9	56.4	56.3	55.9	54.7	51.5	47.3	44.3	42.3	39.2	39.2	38.9
9	39.0	38.1	37.4	36.4	36.6	36.4	38.7	41.9	44.9	46.5	47.9	48.7	48.8	49.1	48.8	47.7	45.9	43.3	42.3	41.1	40.5	40.1	40.1	39.8
10	39.1	39.9	40.0	40.2	40.1	41.5	42.1	41.1	43.0	43.2	44.0	45.1	45.2	44.7	44.3	43.9	44.9	43.1	42.3	42.1	42.6	42.6	42.8	42.8
11	42.5	42.2	41.8	42.0	42.5	42.5	42.6	43.0	44.2	46.2	47.7	48.8	51.0	52.7	54.7	55.2	54.9	51.3	47.4	43.7	42.9	43.0	43.0	42.3
12	42.3	42.0	41.1	41.0	41.0	41.3	42.0	43.5	44.0	45.4	48.2	49.9	52.0	54.7	54.2	53.7	52.8	50.0	47.1	46.1	45.9	44.5	43.8	43.9
13	43.5	43.3	43.7	44.0	44.0	44.1	44.2	45.7	46.8	47.4	47.9	48.0	49.5	50.0	50.8	51.0	50.8	50.7	50.3	49.9	50.3	50.7	50.7	50.9
14	50.3	50.0	49.6	49.0	48.9	48.8	49.1	49.7	52.0	54.4	55.6	57.2	54.8	54.3	53.3	52.8	52.9	52.2	52.0	51.9	51.6	51.4	50.8	50.2
15	49.7	50.1	49.8	49.4	49.3	49.6	50.0	50.9	52.3	54.6	54.1	54.7	53.8	55.6	57.8	56.9	57.0	55.5	54.0	52.7	51.5	51.1	50.8	50.1
16	49.8	49.9	49.9	50.8	50.0	50.0	50.9	51.2	52.1	53.0	52.8	52.6	53.0	53.2	54.0	54.0	53.2	52.7	52.2	52.1	51.8	51.1	50.9	50.8
17	50.4	49.9	49.3	48.7	48.3	48.1	47.7	48.1	48.9	50.3	52.4	52.9	55.0	56.1	59.0	58.6	55.3	55.7	54.9	53.2	51.7	50.2	50.0	49.0
18	48.6	48.1	47.5	46.9	46.1	45.4	45.5	45.9	47.1	49.7	51.2	52.9	53.5	54.9	56.3	56.7	58.3	58.7	54.2	50.7	48.4	45.2	44.0	44.2
19	44.7	44.3	43.9	43.9	44.1	44.7	45.9	46.8	47.2	48.0	48.2	50.2	54.1	55.9	57.1	56.9	56.0	55.4	54.9	54.4	54.2	53.9	53.7	53.3
20	52.2	50.1	49.2	48.9	48.4	48.1	48.5	48.0	48.0	49.2	50.6	50.8	50.9	50.3	48.3	47.9	48.6	48.9	48.7	48.8	48.9	48.5	47.3	47.2
21	46.7	46.4	46.2	46.0	46.2	46.1	46.8	47.2	47.2	47.9	50.5	52.8	54.0	55.5	56.9	56.0	54.9	55.1	53.2	50.9	49.2	49.1	48.0	47.7
22	46.2	45.0	44.0	43.9	43.9	44.0	43.6	44.4	44.7	46.1	48.9	49.9	49.9	49.4	49.0	49.4	48.5	48.1	46.9	45.6	44.7	44.5	44.3	44.3
23	44.2	44.2	44.3	44.8	44.5	44.5	44.6	44.9	45.3	46.2	47.9	46.8	47.8	48.0	47.4	48.4	47.4	46.6	46.1	45.8	45.0	44.2	43.8	43.0
24	42.3	42.3	42.3	42.6	42.2	42.9	44.5	46.0	48.8	50.2	50.3	51.8	52.7	53.2	53.2	52.8	52.5	50.1	48.1	46.1	44.1	43.2	42.9	41.9
25	41.1	40.7	40.1	40.0	39.8	40.0	43.0	44.0	48.0	48.2	49.2	50.3	51.4	52.1	52.0	52.8	50.9	47.9	46.7	45.3	44.5	44.1	43.2	42.1
26	40.9	39.1	38.1	38.0	37.2	38.2	41.1	44.1	45.2	45.3	46.6	47.2	48.1	48.5	49.2	49.6	49.6	48.1	47.1	46.8	45.2	43.8	43.2	43.2
27	42.2	43.2	42.9	43.1	42.9	43.0	44.3	45.1	45.7	47.1	48.8	50.3	53.0	54.9	56.3	57.0	58.2	57.3	54.0	48.9	44.7	43.5	42.1	41.3
28	40.8	40.9	41.0	40.5	40.0	41.1	41.2	42.3	43.5	45.2	49.0	52.9	56.6	57.9	59.2	59.5	61.0	57.8	54.0	51.1	49.8	48.2	46.1	43.8
29	42.4	41.0	40.9	40.5	40.9	40.8	41.9	42.2	44.3	46.0	48.2	52.1	55.2	56.2	60.2	53.6	62.0	61.2	60.2	58.0	54.5	54.0	52.9	50.2
30	45.9	48.5	47.6	47.1	46.9	47.0	47.3	48.4	50.7	52.8	54.3	56.5	56.1	53.3	50.7	49.3	47.8	46.9	46.0	45.1	44.8	44.2	44.0	43.6
31																								

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	30.5	30.5	30.2	30.9	31.5	31.3	32.3	32.4	33.8	35.2	36.5	37.1	37.5	37.6	38.2	38.6	37.9	37.2	37.1	37.3	37.6	37.6	37.8	37.7
2	37.1	37.0	37.1	37.5	37.3	37.2	37.3	38.1	39.8	39.8	40.5	40.9	42.0	41.3	41.4	40.9	40.1	40.1	40.1	39.9	38.9	38.9	38.8	38.5
3	38.4	38.1	36.5	35.5	35.2	34.9	36.5	37.9	39.1	40.0	41.0	39.0	39.7	41.1	40.0	39.8	39.3	38.2	38.0	36.5	36.3	36.3	35.9	35.8
4	35.0	34.7	34.6	34.7	34.0	34.0	34.9	36.9	38.9	40.6	40.0	39.9	38.9	39.9	39.0	37.9	38.9	37.6	37.2	36.7	36.3	35.8	34.9	33.2
5	33.2	32.1	32.0	30.5	30.3	30.1	30.3	32.8	37.6	39.0	39.1	40.2	41.1	41.9	42.8	40.8	41.7	41.1	40.2	38.9	36.4	36.4	35.7	34.7
6	32.8	32.3	31.9	30.6	30.2	31.0	31.8	33.5	35.8	38.3	42.1	43.3	40.8	43.1	44.6	44.2	42.5	41.2	*	40.0	39.1	37.9	37.0	36.1
7	34.2	33.5	33.4	33.1	32.0	31.8	33.7	36.1	38.9	41.5	44.1	44.8	43.9	42.8	44.7	*	44.8	44.1	43.1	41.1	38.7	35.8	35.2	34.3
8	34.7	34.2	33.6	33.1	33.8	34.0	35.8	38.3	40.0	41.3	42.8	44.2	44.3	44.5	44.9	45.0	44.6	43.3	40.5	38.2	36.4	35.2	35.8	35.9
9	35.9	35.2	34.9	34.1	34.3	34.8	36.2	38.3	39.9	40.2	42.5	42.3	42.3	42.4	42.0	41.0	40.5	39.0	38.5	39.0	38.5	37.9	38.0	37.9
10	37.8	38.2	38.1	38.5	39.0	39.9	39.1	39.9	40.0	40.9	41.8	42.3	42.0	41.4	41.2	41.3	40.8	40.4	40.0	39.7	39.7	40.1	40.9	41.5
11	41.3	41.1	40.8	41.0	41.7	41.8	41.9	42.3	43.2	44.5	45.3	46.2	47.6	48.5	49.0	49.0	48.7	47.0	44.2	42.2	41.8	41.8	41.5	41.0
12	41.0	40.9	40.1	40.0	40.1	40.2	40.9	41.8	41.9	42.9	44.7	45.8	47.3	48.2	48.2	47.6	46.7	44.7	43.9	43.8	43.5	43.2	42.9	42.9
13	42.5	42.3	42.8	43.1	43.2	43.3	43.2	44.2	45.0	45.8	46.2	46.7	47.9	48.3	48.5	48.6	48.9	49.2	49.2	49.0	49.1	49.1	49.0	49.0
14	48.5	48.3	48.0	47.9	47.9	47.9	48.4	48.9	50.8	51.9	51.9	51.9	51.0	51.1	50.1	50.0	49.6	48.8	48.1	48.3	48.1	48.1	48.0	48.0
15	48.1	48.1	46.3	48.2	48.2	48.3	48.1	48.2	49.3	50.3	50.8	51.7	51.5	52.9	53.8	52.8	52.9	52.1	51.1	49.6	48.4	47.9	47.9	47.6
16	47.3	47.8	47.9	48.0	47.6	47.5	48.1	48.8	49.0	49.8	50.1	50.1	51.0	51.0	51.6	51.6	51.6	51.1	50.9	50.3	50.1	50.0	49.9	49.3
17	49.0	48.8	48.0	47.5	47.0	46.8	46.3	46.8	47.1	48.1	47.9	48.9	49.6	50.0	52.0	51.1	50.9	50.9	50.9	50.9	49.8	49.0	48.9	48.0
18	47.7	47.2	46.8	46.0	45.1	44.8	44.7	45.0	45.9	47.3	48.6	49.9	50.1	51.2	51.1	52.0	52.2	50.6	50.1	48.0	46.9	44.5	43.1	43.8
19	44.1	43.9	43.2	43.2	43.6	44.0	45.0	45.9	46.3	46.9	47.0	48.5	50.7	51.9	53.3	52.8	51.1	50.9	50.7	50.1	50.3	50.6	50.5	50.6
20	49.7	48.5	47.9	47.7	47.6	47.2	47.4	47.0	47.2	48.3	49.5	49.6	49.8	48.9	47.6	47.1	47.9	48.1	47.9	48.1	48.2	48.0	46.9	46.7
21	46.1	45.9	45.8	45.4	45.8	45.7	45.9	46.5	46.6	47.0	49.0	50.0	50.9	51.8	51.8	52.0	52.8	52.0	51.2	49.8	48.7	48.6	47.1	46.5
22	45.0	43.9	43.2	43.2	43.3	43.6	42.9	43.8	43.8	44.9	46.9	47.7	47.3	47.5	47.7	47.8	47.0	46.9	45.9	44.9	44.0	43.9	43.7	43.5
23	43.2	43.2	43.1	43.2	43.1	43.1	43.4	43.9	44.1	44.8	45.8	45.5	46.0	46.0	45.4	46.0	45.4	44.7	44.1	43.7	43.0	42.3	41.9	41.3
24	40.9	40.9	40.8	40.7	40.3	40.8	41.9	43.0	45.1	46.0	46.0	47.2	47.7	47.8	48.1	47.8	47.6	46.3	45.1	43.7	42.3	41.5	41.0	40.5
25	39.3	38.5	37.8	37.4	37.0	37.4	40.0	40.9	43.2	42.9	43.1	44.1	45.2	45.8	45.8	46.0	45.1	43.9	42.7	42.0	41.2	41.1	40.5	39.1
26	37.7	36.3	35.2	35.1	34.7	35.0	37.2	38.9	39.5	39.5	40.6	40.8	41.9	42.7	43.2	43.2	43.7	43.1	42.4	42.1	41.2	40.8	40.2	40.3
27	39.9	40.4	40.3	40.1	40.0	40.1	40.0	39.9	40.3	41.2	43.0	43.9	45.8	47.1	48.4	48.7	48.9	48.5	47.9	45.2	42.2	41.5	40.8	40.2
28	39.9	40.1	40.5	40.0	39.9	40.1	40.0	40.9	41.5	42.8	45.2	47.3	48.9	48.8	49.9	50.2	50.3	48.3	46.3	45.1	44.5	44.9	44.2	42.5
29	41.9	40.7	40.4	40.0	40.2	40.2	41.0	41.3	42.9	44.0	45.7	47.9	50.0	50.8	52.0	51.9	51.9	51.7	50.9	49.9	48.9	48.0	47.2	45.7
30	45.0	44.7	43.9	43.2	43.0	43.1	43.8	44.2	45.8	46.6	48.0	49.6	49.8	48.5	46.9	46.1	44.9	44.1	43.9	43.2	42.7	42.3	42.6	42.2
31																								

* Record defective or Instrument out of action

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53′ N. LONG: 4°18′ W.

HOURLY VALUES April 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N } AND VELOCITY IN MILES PEF HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	25	19	24	11	23	14	24	9.5	24	9.5	23	14	24	17	24	20	24	21	25	25	26	27	26	23
2	27	12	27	11	26	14	26	15	26	15	27	14	24	17	25	22	27	22	26	25	27	27	27	23
3	3	1.5	3	3	3	2	3	3	3	3	3	4	2	4	26	5.5	23	4.5	23	4.5	18	11	19	13
4	13	4	13	3	21	3	21	3	21	4	24	4	24	3	24	5.5	21	7.5	25	11	25	15	25	12
5	20	4	20	3	20	4	20	3	20	2	20	3	20	1.5	20	4	20	4	20	5.5	22	7.5	23	6.5
6	2	2	2	4.5	2	3	2	4	2	4.5	5	6.5	5	5.5	5	4.5	5	2	17	4.5	17	4	18	10.5
7	20	5.5	20	5.5	20	4	20	4	12	5.5	6	4.5	6	5.5	6	8.5	6	9.5	7	7.5	16	15	15	18
8	6	18	7	20	6	23	5	15	5	17	6	15	6	15	7	16	10	20	9	23	9	24	10	23
9	2	14	6	20	7	18	4	13	6	15	6	16	6	13	6	18	7	18	7	22	6	23	6	21
10	5	14	6	15	7	16	5	19	6	16	7	16	7	20	7	16	8	21	7	23	6	20	6	20
11	6	21	6	19	6	22	6	11	7	16	5	19	6	21	7	20	7	20	6	22	5	24	5	24
12	7	17	6	18	6	16	6	18	6	15	6	12	5	11	6	17	6	19	6	17	7	20	6	19
13	6	18	5	18	6	19	7	15	7	15	6	13	5	19	8	15	6	14	7	17	7	17	7	20
14	17	10.5	16	10.5	16	9.5	16	7.5	21	5.5	20	5.5	17	4.5	22	7.5	21	14	20	14	20	15	20	15
15	17	14	17	17	18	16	18	13	18	10.5	20	22	20	20	21	22	21	22	21	18	21	21	20	16
16	16	6.5	16	4.5	11	4	15	4.5	9	6.5	11	4.5	10	5.5	11	5.5	11	6.5	11	7.5	13	10.5	10	8.5
17	12	4.5	12	4.5	13	5.5	13	4	13	4.5	13	5.5	13	4	13	2	13	3	13	3	13	3	13	3
18	7	6.5	7	5.5	7	7.5	7	6.5	7	8.5	7	8.5	7	6.5	5	8.5	5	10.5	5	10.5	7	10.5	7	11
19	6	10.5	7	10.5	6	15	7	14	7	15	7	16	7	14	6	14	5	17	6	13	5	13	5	9.5
20	7	9.5	6	11	6	14	7	13	6	11	6	10.5	6	9.5	6	9.5	6	12	6	14	6	14	5	20
21	6	16	5	17	6	17	5	15	6	15	5	13	5	12	6	8.5	6	8.5	6	4	14	5.5	23	5.5
22	6	13	6	16	6	15	6	12	5	12	6	15	6	13	6	14	6	15	5	15	2	20	2	21
23	2	26	2	22	2	17	3	15	2	15	2	13	2	18	3	16	3	15	3	17	2	25	3	23
24	2	14	2	18	2	14	2	13	3	11	2	13	4	12	4	15	4	19	4	18	4	23	4	22
25	3	13	3	12	2	15	4	10.5	4	9.5	3	10.5	3	14	3	19	3	18	1	15	4	20	4	16
26	4	4.5	4	6.5	2	7.5	2	4.5	2	4	32	4.5	31	5.5	31	10.5	1	13	2	13	3	13	3	12
27	3	6.5	4	8.5	4	6.5	5	8.5	4	6.5	4	7.5	4	7.5	3	10.5	1	9.5	2	9.5	3	9.5	4	9.5
28	3	9.5	3	8.5	2	9.5	2	7.5	2	7.5	4	6.5	5	6.5	5	6.5	1	6.5	3	7.5	1	7.5	2	5.5
29	2	13	2	14	2	14	3	12	3	13	3	14	2	16	3	17	2	17	2	19	2	20	2	22
30	2	15	3	15	2	16	2	16	2	16	3	16	3	16	3	17	2	18	3	21	2	23	3	20
31																								

1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V	DAYS
26	26	26	28	25	23	25	24	26	24	24	19	25	18	25	18	26	17	26	19	26	16	26	13	1
28	22	25	22	25	18	26	18	26	14	26	9.5	25	8.5	2	5.5	3	3	3	4	3	4	3	2	2
21	10.5	21	10.5	23	5.5	10	6.5	11	7.5	6	9.5	6	4.5	13	4.5	13	3	13	3	13	2	13	4	3
26	16	25	12	23	19	22	15	22	9.5	25	8.5	20	8.5	20	3	20	3	20	3	20	3	20	2	4
23	7.5	22	9.5	20	10.5	26	10.5	23	14	25	7.5	25	7.5	25	3	26	4.5	2	4.5	2	6.5	2	3	5
15	18	16	14	20	16	20	13	19	14	20	10.5	20	5.5	20	4	20	4	20	4.5	20	3	20	4.5	6
16	17	14	17	13	15	14	13	14	17	11	14	11	14	8	11	7	11	5	11	6	13	7	22	7
11	26	9	23	8	29	9	31	9	25	8	23	8	21	8	22	8	24	5	22	5	22	5	19	8
6	26	6	27	7	28	6	28	5	29	7	23	6	22	7	20	6	18	6	16	5	17	5	16	9
6	25	6	23	5	22	6	23	6	26	5	26	5	23	5	19	7	21	7	17	6	18	7	15	10
6	26	6	23	7	24	6	23	6	22	6	21	6	19	7	20	7	18	6	17	6	20	6	18	11
5	19	5	19	5	21	6	22	6	22	6	25	6	22	5	21	5	20	6	20	6	20	6	17	12
8	15	8	15	10	15	10	15	9	14	8	9.5	6	11	9	8.5	11	7.5	13	5.5	13	8.5	15	8.5	13
19	15	19	15	19	12	18	13	19	12	17	12	17	11	15	11	14	6.5	16	10.5	15	13	15	13	14
20	17	22	16	21	21	20	19	20	17	17	12	16	11	18	11	17	8.5	16	14	17	12	18	6.5	15
12	7.5	12	6.5	14	8.5	15	8.5	16	8.5	15	6.5	13	6.5	13	4.5	13	4.5	13	5.5	13	6.5	13	4.5	16
22	5.5	24	4.5	24	4.5	2	5.5	6	7.5	7	6.5	7	6.5	7	6.5	7	6.5	7	5.5	7	5.5	7	7.5	17
7	9.5	6	10.5	6	7.5	4	6.5	18	8.5	18	8.5	26	5.5	3	5.5	4	8.5	6	9.5	5	10.5	6	12	18
12	10.5	15	17	14	17	15	12	15	17	14	9.5	11	9.5	12	6.5	10	8.5	10	5.5	10	10.5	10	12	19
6	21	6	25	5	22	6	19	6	14	7	10.5	6	5.5	19	4	19	4.5	20	4	6	13	6	13	20
2	6.5	2	4.5	2	6.5	9	9.5	21	4	20	2	23	7.5	23	4	23	3	26	5.5	4	9.5	7	19	21
3	20	3	22	2	22	2	21	1	25	2	24	2	26	2	23	2	25	2	25	2	27	2	21	22
3	20	3	19	2	22	2	25	3	21	3	20	2	21	2	23	3	17	3	19	2	16	1	10.5	23
2	22	3	21	3	18	4	17	4	18	4	12	5	11	4	14	3	13	4	11	3	16	2	15	24
4	19	3	19	4	17	4	17	4	16	4	15	5	20	5	15	5	13	5	13	5	6.5	4	5.5	25
4	13	6	10.5	5	9.5	5	11	4	10.5	5	9.5	5	8.5	4	7.5	4	6.5	4	8.5	4	7.5	4	4.5	26
3	6.5	1	6.5	3	7.5	32	4	25	5.5	22	4	3	6.5	3	13	2	14	3	15	3	7.5	4	9.5	27
31	4.5	27	3	2	4	6	9.5	17	12	18	11	18	5.5	18	2	18	4	18	9.5	4	12	4	12	28
2	18	2	16	6	13	8	14	8	14	8	13	4	13	4	10.5	4	10.5	3	11	4	13	3	13	29
3	18	3	18	2	22	2	21	3	22	2	19	3	19	3	19	2	15	2	16	3	12	2	9.5	30
																								31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·042	·016	~~·002~~	·	·	·
4	·	·	·	·	·	·	~~·002~~	·	~~·002~~	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
11	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
12	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·030
13	·010	·010	·060	·050	·048	·032	·015	·005	·010	·062	·096	·102	·032	·056	·032	·020	·080	·022	·030	·	·	·008	·	·
14	·	·	·	·008	·	~~·002~~	·010	·052	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
15	·	·003	·	·	·007	·022	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
16	·	·	·	·	·	·	·	·	·	·	·012	·038	·028	·032	~~·002~~	·003	·017	·028	·010	·010	·020	·022	·018	·017
17	·004	~~·001~~	~~·001~~	·	~~·002~~	~~·002~~	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
18	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	~~·002~~	·	~~·002~~	·	~~·001~~
19	~~·002~~	·003	·	·	·	~~·001~~	·	·007	·014	·008	·	·	·	·	·	·	·	·	·	·	·	·	·	·
20	·	·	·	·	·090	·052	·015	·033	·080	·050	·039	·040	·020	·025	·005	·008	·022	·144	·096	·010	·046	·034	·080	·070
21	·100	·130	·090	·045	·035	·020	·	·	·	·	·	·	·	·	·	·050	·010	~~·001~~	·	~~·002~~	·	·	·	~~·001~~
22	~~·001~~	·	~~·002~~	~~·001~~	·	·	·	·	·	·	·	·	~~·002~~	·	~~·001~~	~~·001~~	~~·001~~	~~·001~~	~~·001~~	·	·	·	·	·
23	·	·	·	·	·	·	·	·006	·	·	·	·006	·014	·009	·	·	·	·	·	·	·	·	·	·
24	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
25	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
26	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
27	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
28	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
29	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
31																								
119 3✓	117	147	153	104	182	13	042	103	106	120	147	186	096	122	040	082	130	196	179	040	068	066	118	119
	4✓	4✓	3✓	3✓	4✓	5✓	3✓	5✓	3✓	3✓	3✓	4✓	4✓	4✓	3✓	4✓	4✓	3✓	4✓	4✓	2✓	3✓	3✓	3✓

*Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
	·149	·143	·139	·141	·154	·149	·153	·146	·156	·170	·178	·180	·188	·183	·190	·196	·190	·192	·189	·194	·198	·201	·204	·198	1
	·188	·188	·192	·200	·195	·185	·192	·196	·207	·196	·200	·196	·201	·194	·205	·205	·198	·205	·216	·219	·212	·221	·219	·216	2
	·216	·215	·208	·201	·196	·192	·201	·214	·204	·202	·208	·207	·219	·217	·205	·204	·201	·209	·218	·209	·205	·205	·204	·204	3
	·195	·195	·193	·193	·186	·184	·192	·206	·216	·216	·197	·186	·172	·171	·175	·172	·179	·184	·182	·191	·186	·189	·184	·172	4
	·172	·166	·165	·157	·152	·150	·152	·168	·200	·194	·189	·194	·199	·199	·205	·192	·196	·198	·198	·207	·187	·195	·193	·187	5
	·178	·173	·168	·159	·151	·157	·163	·175	·193	·200	·229	·228	·213	·226	·225	·219	·196	·189	*	·218	·211	·211	·201	·200	6
	·184	·176	·174	·173	·162	·158	·171	·181	·198	·205	·216	·220	·197	·181	·199	*	·202	·203	·203	·184	·178	·163	·163	·159	7
	·170	·168	·166	·165	·172	·173	·185	·194	·186	·190	·197	·206	·196	·191	·197	·200	·202	·203	·187	·173	·163	·165	·176	·180	8
	·179	·175	·176	·173	·174	·185	·188	·196	·196	·189	·216	·207	·206	·206	·201	·191	·200	·194	·196	·214	·212	·204	·206	·207	9
	·213	·212	·209	·215	·225	·228	·208	·232	·215	·230	·240	·238	·231	·225	·225	·231	·212	·222	·222	·219	·214	·221	·234	·247	10
	·246	·245	·243	·245	·255	·257	·258	·262	·267	·274	·274	·282	·290	·291	·282	·279	·275	·273	·253	·251	·252	·251	·245	·242	11
	·242	·243	·236	·235	·237	·256	·243	·246	·242	·247	·255	·262	·272	·266	·270	·262	·253	·239	·250	·260	·256	·264	·265	·264	12
	·261	·258	·265	·267	·270	·271	·267	·272	·277	·288	·291	·302	·314	·317	·313	·313	·323	·331	·336	·335	·334	·329	·326	·324	13
	·319	·317	·314	·320	·321	·322	·331	·336	·356	·353	·342	·323	·327	·334	·321	·325	·318	·303	·289	·295	·294	·296	·301	·307	14
	·316	·311	·320	·322	·323	·322	·312	·305	·314	·312	·328	·345	·350	·367	·364	·347	·349	·348	·337	·317	·303	·296	·299	·299	15
	·295	·305	·308	·301	·300	·298	·302	·315	·309	·317	·328	·330	·347	·344	·350	·350	·360	·355	·355	·342	·341	·347	·347	·335	16
	·330	·330	·318	·314	·306	·303	·296	·303	·301	·309	·281	·298	·293	·294	·308	·293	·321	·315	·324	·342	·334	·332	·332	·322	17
	·320	·313	·311	·299	·288	·290	·286	·288	·295	·297	·311	·321	·319	·331	·315	·331	·317	·282	·310	·302	·303	·285	·267	·281	18
	·281	·282	·271	·271	·278	·278	·288	·299	·304	·307	·307	·320	·326	·339	·358	·347	·319	·320	·319	·309	·315	·325	·326	·334	19
	·325	·321	·317	·316	·320	·313	·314	·309	·314	·327	·341	·340	·344	·329	·321	·313	·325	·326	·324	·327	·328	·329	·317	·313	20
	·305	·304	·303	·297	·303	·303	·299	·308	·310	·310	·329	·325	·332	·340	·323	·340	·371	·348	·349	·344	·337	·337	·312	·301	21
	·285	·273	·270	·271	·273	·279	·268	·278	·275	·284	·297	·289	·294	·305	·315	·312	·304	·306	·297	·290	·279	·280	·277	·273	22
	·267	·267	·263	·260	·261	·261	·264	·274	·274	·281	·282	·289	·288	·285	·279	·281	·279	·273	·266	·261	·253	·248	·244	·240	23
	·240	·240	·238	·232	·229	·231	·237	·244	·257	·263	·262	·274	·274	·271	·277	·275	·274	·270	·264	·258	·249	·243	·235	·236	24
	·220	·209	·202	·196	·191	·196	·215	·222	·228	·220	·217	·226	·234	·241	·242	·240	·239	·242	·230	·230	·223	·226	·223	·208	25
	·193	·185	·175	·175	·175	·171	·181	·185	·188	·187	·195	·192	·203	·207	·219	·216	·225	·225	·221	·218	·217	·222	·217	·219	26
	·221	·221	·222	·216	·216	·217	·203	·194	·197	·199	·218	·222	·234	·244	·259	·257	·252	·252	·268	·260	·240	·237	·240	·236	27
	·235	·238	·246	·241	·238	·236	·233	·240	·240	·247	·259	·264	·265	·253	·263	·267	·256	·244	·235	·237	·238	·259	·268	·257	28
	·260	·250	·245	·241	·240	·241	·246	·250	·259	·265	·276	·284	·301	·310	·297	·267	·279	·281	·274	·273	·282	·267	·262	·257	29
	·256	·253	·245	·236	·234	·235	·246	·244	·254	·251	·265	·281	·290	·285	·277	·276	·263	·256	·263	·256	·249	·248	·257	·262	30
																									31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57° 10' N LONG 2° 6' W

HOURLY VALUES April 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	28·735	28·715	28·680	28·639	28·613	28·645	28·660	28·665	28·668	28·670	28·674	28·679	28·697
2	28·825	28·824	28·814	28·806	28·807	28·813	28·814	28·822	28·824	28·862	28·874	28·891	28·903
3	29·178	29·182	29·194	29·203	29·214	29·230	29·242	29·250	29·263	29·271	29·283	29·292	29·302
4	·439	·453	·473	·487	·504	·518	·535	·553	·570	·582	·593	·600	·616
5	·673	·671	·673	·679	·687	·693	·708	·718	·733	·746	·755	·765	·777
6	29·899	29·903	29·907	29·913	29·922	29·935	29·945	29·957	29·963	29·977	29·986	29·989	29·993
7	30·077	30·079	30·077	30·072	30·077	30·084	30·087	30·084	30·088	30·082	30·080	30·082	30·074
8	·082	·075	·073	·069	·061	·070	·072	·078	·074	·074	·079	·080	·080
9	·165	·166	·165	·161	·169	·179	·185	·193	·201	·204	·214	·220	·224
10	·213	·210	·210	·214	·214	·215	·220	·220	·215	·219	·218	·223	·220
11	·229	·224	·228	·220	·223	·220	·227	·226	·233	·239	·237	·242	·240
12	·238	·227	·228	30·225	30·211	30·213	30·216	30·207	30·202	30·186	30·183	30·176	30·162
13	30·045	30·028	30·010	29·992	29·981	29·978	29·978	29·974	29·964	29·963	29·945	29·933	29·920
14	29·754	29·729	29·709	·698	·695	·690	·698	·705	·705	·692	·692	·680	·681
15	·684	·679	·669	·665	·657	·661	·662	·661	·664	·657	·657	·665	·665
16	·685	·677	·676	·665	·660	·664	·665	·657	·657	·653	·647	·640	·634
17	·580	·564	·558	·550	·548	·556	·563	·570	·579	·587	·591	·593	·600
18	·648	·640	·645	·642	·645	·655	·657	·658	·662	·670	·672	·671	·664
19	·621	·611	·603	·596	·593	·596	·596	·598	·600	·600	·588	·591	·581
20	·571	·560	·560	·553	·539	·536	·537	·539	·556	·569	·575	·587	·583
21	·561	·547	·537	·533	·535	·541	·536	·532	·535	·549	·579	·613	·645
22	·875	·883	·893	·898	·904	·922	·928	·932	·938	·942	·949	·952	·951
23	·919	·908	·903	·899	·896	·903	·903	·907	·910	·912	·914	·913	·916
24	29·922	29·914	29·912	29·911	29·918	29·920	29·925	29·930	29·932	29·935	29·939	29·939	29·944
25	30·016	30·018	30·020	30·021	30·024	30·029	30·039	30·046	30·056	30·061	30·067	30·074	30·081
26	·107	·102	·096	·097	·091	·099	·106	·107	·118	·125	·132	·134	·135
27	·165	·161	·157	·156	·155	·157	·164	·164	·173	·176	·172	·170	·170
28	30·111	30·096	30·083	30·073	30·069	30·072	30·079	30·075	30·072	30·063	30·053	30·043	30·037
29	29·956	29·947	29·951	29·946	29·948	29·940	29·936	29·929	29·923	29·914	29·910	29·901	
30	29·782	29·768	29·754	29·740	29·725	29·723	29·716	29·710	29·693	29·682	29·673	29·661	29·649
31													

DAYS	2	3	4	5	6	7	8	9	10	11	MIDT.
1	28·715	28·717	28·726	28·736	28·753	28·775	28·797	28·810	28·812	28·816	28·830
2	28·900	28·982	29·010	29·031	29·056	29·083	29·099	29·117	29·138	29·146	29·167
3	29·307	29·317	·319	·327	·340	·360	·376	·385	·400	·419	·428
4	·619	·621	·625	·634	·639	·643	·656	·661	·666	·669	·675
5	29·779	29·788	29·801	29·820	29·832	29·845	29·863	29·873	29·882	29·890	29·898
6	30·005	30·012	30·020	30·024	30·044	30·046	30·061	30·072	30·077	30·077	30·075
7	·062	·055	·045	·046	·052	·047	·061	·070	·079	·080	·081
8	·073	·078	·079	·087	·096	·121	·124	·132	·136	·149	·158
9	·227	·223	·221	·220	·221	·227	·230	·225	·220	·220	·215
10	·228	·230	·227	·230	·224	·228	·227	·230	·230	·234	·235
11	·242	·229	·225	·225	·220	·229	·238	·241	·243	·244	·245
12	30·146	30·131	30·120	30·104	30·099	30·089	30·084	30·076	30·069	30·066	30·064
13	29·808	29·880	29·866	29·854	29·842	29·833	29·825	29·808	29·793	29·781	29·760
14	·673	·665	·656	·655	·661	·675	·692	·693	·692	·694	·691
15	·662	·664	·669	·672	·680	·686	·697	·703	·703	·704	·701
16	·626	·618	·618	·608	·605	·604	·612	·610	·605	·600	·588
17	·603	·604	·606	·611	·615	·621	·629	·634	·639	·647	·652
18	·657	·639	·632	·635	·633	·636	·643	·643	·641	·638	·630
19	·573	·560	·558	·560	·561	·564	·570	·578	·572	·568	·572
20	·566	·557	·554	·561	·565	·581	·589	·585	·584	·575	·571
21	·676	·697	·718	·741	·762	·791	·816	·830	·847	·863	·870
22	·946	·941	·935	·938	·936	·943	·953	·952	·948	·939	·928
23	·919	·915	·916	·919	·920	·933	·945	·944	29·943	29·937	29·931
24	29·942	29·940	29·945	29·949	29·954	29·974	29·990	29·996	30·003	30·008	30·011
25	30·082	30·075	30·078	30·082	30·091	30·095	30·102	30·106	·112	·109	·108
26	·133	·129	·128	·129	·135	·143	·150	·156	·161	·167	·165
27	·168	·159	·154	30·150	30·142	30·136	30·140	30·137	30·135	30·131	30·124
28	30·028	30·011	30·001	29·988	29·981	29·986	29·987	29·986	29·983	29·978	29·966
29	29·806	29·873	29·862	·844	·838	·836	·837	·830	·822	·816	·804
30	29·636	29·626	29·611	29·602	29·595	29·593	29·596	29·587	29·581	29·568	29·560
31											

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	339	341	329	343	326	300	307	320	335	344	349	350	331	329	335	337	337	324	315	315	314	313	311	315
2	313	312	314	301	308	325	331	352	376	387	392	405	401	385	366	390	389	383	367	360	363	353	361	351
3	349	346	355	354	358	351	357	371	393	410	423	420	406	410	406	406	409	406	396	379	360	351	336	339
4	331	331	332	337	333	333	333	351	395	402	416	420	436	427	418	428	414	407	397	384	383	381	375	365
5	355	352	344	334	326	334	341	364	391	415	421	425	439	448	458	434	414	412	403	381	368	363	357	357
6	341	336	325	318	311	317	340	371	403	418	440	446	463	451	446	453	454	434	428	438	422	425	422	414
7	401	393	377	366	367	363	382	412	432	444	470	470	469	465	463	445	435	420	410	403	396	396	394	
8	394	392	390	391	392	400	412	416	426	438	437	442	446	449	446	444	436	428	418	414	410	412	413	410
9	408	407	403	402	400	411	425	430	440	441	440	437	436	439	427	420	426	417	415	418	420	416	408	409
10	414	418	418	419	416	415	418	420	426	428	427	431	430	434	432	428	427	426	427	422	423	417	415	413
11	412	416	416	415	417	419	436	443	443	446	455	458	460	459	457	454	449	440	436	432	431	424	416	414
12	410	412	412	412	411	403	410	444	450	457	460	457	470	460	473	462	454	447	437	436	430	430	430	428
13	428	427	426	426	426	426	432	433	442	460	463	462	463	461	460	456	447	445	443	442	448	453	447	445
14	445	443	443	448	439	443	465	473	504	528	554	563	590	590	596	592	578	568	553	524	524	510	500	496
15	496	486	489	491	476	489	485	495	513	548	567	563	585	600	598	590	584	577	559	546	534	529	516	509
16	500	510	501	491	481	490	524	540	554	573	586	587	610	605	596	573	552	542	533	495	473	470	460	454
17	448	450	449	460	447	446	447	448	448	449	444	442	447	455	462	453	454	453	447	446	439	440	440	436
18	436	443	443	439	432	430	435	449	449	460	491	471	454	466	464	457	450	443	439	435	433	430	436	434
19	430	429	427	424	427	426	418	420	420	421	425	432	428	430	434	432	434	438	442	446	442	428	427	420
20	428	427	430	429	436	432	435	435	434	437	446	442	440	441	437	437	434	433	429	434	442	443	447	450
21	453	451	452	450	450	450	446	446	441	440	443	449	450	468	476	472	462	439	434	430	427	429	424	424
22	422	420	417	418	421	425	427	434	438	440	440	437	438	438	437	434	433	434	433	434	435	433	420	
23	412	416	427	436	433	436	438	445	440	440	454	463	454	450	446	443	444	443	441	437	437	436	436	433
24	430	429	429	429	430	435	444	456	460	456	459	470	458	460	463	462	466	462	457	434	422	417	407	412
25	417	421	419	419	421	421	438	450	450	457	463	449	440	447	449	444	437	430	417	406	406	407	407	408
26	400	394	394	388	396	393	406	418	426	436	444	449	456	464	462	461	457	453	447	443	440	436	436	434
27	436	436	434	434	434	439	452	457	465	460	459	467	461	462	464	453	454	442	431	424	427	420	416	413
28	412	397	390	380	376	380	392	410	427	456	460	470	457	451	462	446	441	431	421	418	417	411	409	408
29	404	406	406	405	406	407	403	406	411	415	417	426	426	432	433	436	431	424	420	416	414	416	422	426
30	427	426	426	421	410	397	397	420	433	431	438	441	439	428	433	436	436	434	429	422	416	420	422	419
31																								

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	...	...	*	*	...	...	303	313	323	323	...	*	*	...	312	314	311	310	306	310	307	304	301	308
2	302	295	296	282	291	307	317	*	353	360	364	367	376	365	357	372	363	363	353	347	348	340	347	341
3	340	339	344	343	343	338	342	340	361	380	387	392	378	382	380	383	386	385	376	366	356	342	329	328
4	323	322	323	329	323	322	322	336	370	370	380	383	391	394	387	393	389	387	377	371	366	365	363	352
5	343	341	332	326	320	319	324	344	365	387	388	385	384	401	391	405	390	390	384	368	358	351	345	343
6	332	326	313	-	...	...	*	*	...	...	397	410	417	427	423	418	420	410	403	398	404	403	394	388
7	371	373	361	351	360	353	374	400	416	420	438	430	440	433	432	420	412	398	387	387	384	384	381	377
8	377	374	371	372	373	380	394	395	404	412	413	417	421	422	422	417	414	404	396	390	387	387	387	383
9	383	383	382	381	381	393	406	407	414	412	416	409	409	407	407	404	400	393	390	388	390	396	393	395
10	402	404	406	410	410	412	414	416	421	425	417	406	407	412	416	410	407	410	407	418	418	415	413	412
11	411	415	415	414	417	417	431	434	434	436	442	444	443	442	440	440	437	432	430	426	426	420	412	412
12	409	411	410	410	407	406	407	431	434	440	443	443	450	446	446	436	431	426	422	421	416	415		
13	416	417	417	417	418	419	422	423	438	440	436	439	439	443	442	439	437	437	436	440	441	437	442	
14	443	443	442	443	437	440	460	465	490	506	520	528	541	550	544	536	520	514	507	495	487	476	472	472
15	474	466	467	464	465	470	470	480	491	511	511	508	518	513	498	491	501	508	500	498	497	493	489	487
16	478	488	478	473	465	474	497	502	504	517	534	537	548	524	514	497	500	494	465	457	455	450	447	
17	443	446	447	449	447	446	447	448	448	449	444	442	447	455	452	453	454	463	448	447	446	439	440	436
18	435	443	443	439	447	446	447	448	448	449	444	442	447	455	452	453	454	453	448	447	446	439	440	436
19	430	420	427	424	427	426	418	420	420	421	425	432	428	430	434	432	434	433	435	439	438	428	427	429
20	428	427	430	429	430	432	435	435	434	437	446	442	440	441	437	437	434	433	429	434	438	440	442	442
21	442	440	440	439	443	447	446	443	441	440	443	449	450	464	462	461	456	439	434	430	427	429	424	424
22	422	420	417	418	421	425	427	434	438	440	440	437	438	438	437	434	434	433	428	428	427	429	428	416
23	410	411	421	424	423	425	427	434	438	440	440	437	438	438	437	434	434	433	428	428	427	429	428	416
24	423	422	422	422	423	425	433	441	447	443	442	456	442	444	443	443	444	439	433	427	407	407	400	410
25	413	414	405	403	402	405	420	419	417	424	430	427	424	417	417	414	408	400	399	396	388	380	376	377
26	381	381	382	375	379	384	395	403	403	409	414	412	416	422	414	415	421	418	420	416	418	417	416	412
27	414	413	416	418	419	424	428	434	442	442	442	444	442	440	436	427	427	420	411	408	411	405	390	400
28	398	388	384	378	376	380	392	403	420	440	441	448	438	433	442	432	431	423	416	415	416	410	408	407
29	404	404	405	406	407	403	406	411	415	415	422	423	428	425	430	426	420	413	408	408	411	417	422	423
30	425	424	421	415	407	397	395	409	419	417	420	420	418	407	412	413	413	415	408	406	402	407	413	416
31																								

* Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10' N. LONG: 2°6' W.

HOURLY VALUES April 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT D	M.DT V	DAYS
1	24	33	23	25	24	30	23	29	23	27	1	12	2	7.5	27	11	27	11	27	10.5	27	12	27	16	26	19	25	15	25	13	24	15	26	15	27	19	27	14	28	13	27	9.5	27	15	26	16	26	11	1
2	26	10.5	26	9.5	25	11	24	8.5	24	8.5	24	8.5	24	7.5	23	16	26	21	26	23	26	20	26	23	26	20	27	24	28	21	28	15	27	13	28	15	26	11	28	11	28	9.5	26	9.5	26	7.5	26	7.5	2
3	26	7.5	26	7.5	26	7.5	26	7.5	26	7.5	26	4.5	26	4	26	6.5	26	8.5	26	5.5	26	4.5	9	7.5	8	4	8	6.5	8	7.5	8	6.5	8	5.5	8	3	8	4.5	8	5.5	8	8.5	8	8.5	8	12	27	11	3
4	27	10.5	27	8.5	27	3	27	2	27	4.5	27	10.5	27	10.5	27	11	26	10.5	26	6.5	27	6.5	27	6.5	27	6	14	9.5	14	9.5	14	10.5	14	8.5	14	4.5	14	3	14	3	14	5.5	14	3	14	4	14	4	4
5	14	4.5	14	6.5	14	4.5	14	4	14	3	14	6.5	14	10.5	25	9.5	26	13	26	12	28	12	27	10.5	29	9	32	10.5	27	8.5	5	9.5	8	7.5	8	4	8	4.5	8	6.5	8	6.5	8	4.5	8	6.5	8	4	5
6	8	3	8	4	8	3	8	4	8	4	8	5.5	8	4	8	5.5	8	6.5	14	11	15	13	14	12	14	14	10.5	14	10.5	15	9.5	14	12	17	11	18	8.5	16	7.5	16	6.5	16	5.5	16	8.5	16	10.5	6
7	16	6.5	16	4.5	16	4	16	4.5	16	4	16	4.5	16	3	16	5.5	15	9.5	15	9.5	14	15	14	17	14	19	14	22	14	22	14	24	14	26	14	22	14	24	14	21	14	22	14	26	14	21	14	26	7
8	14	22	14	24	14	21	14	17	14	20	14	18	13	21	13	25	13	23	13	31	13	33	13	34	13	31	13	34	12	34	13	31	13	28	13	27	13	23	13	21	13	18	13	22	13	22	13	21	8
9	13	16	13	17	13	18	13	11	13	13	13	16	12	19	11	21	11	19	11	16	11	13	11	18	11	11	11	12	8	14	11	17	11	15	11	15	10	13	9	15	8	15	8	23	10	21	8	21	9
10	8	18	8	17	8	16	8	17	8	17	8	17	7	18	7	17	7	21	7	20	8	22	10	17	10	16	10	21	10	16	10	14	10	13	9	14	10	11	8	15	8	17	8	17	8	16	10	15	10
11	10	10.5	8	14	8	10.5	8	10.5	8	8.5	4	8.5	3	11	3	10.5	4	8.5	6	9.5	6	7.5	6	8.5	6	12	6	7.5	6	8.5	7	7.5	7	8.5	7	8.5	7	6.5	7	4	7	3	7	2	7	2	7	3	11
12	7	2	7	2	7	3	7	4	7	5.5	7	4.5	7	4.5	7	4.5	10	6.5	10	9.5	11	10.5	11	11	11	11	11	9.5	11	9.5	11	10.5	11	9.5	11	7.5	11	4	11	7.5	11	6.5	11	4.5	11	5.5	11	6.5	12
13	11	6.5	11	6.5	11	6.5	11	8.5	11	8.5	11	6.5	11	6.5	11	7.5	12	11	12	11	12	10.5	12	10.5	12	14	12	11	12	13	12	16	12	15	12	12	12	11	12	10.5	12	15	13	13	13	16	13
14	15	9.5	15	7.5	15	6.5	15	4.5	15	4.5	15	5.5	15	4	15	5.5	14	8.5	17	9.5	19	12	18	12	18	14	11	16	18	18	18	20	17	19	17	20	9.5	20	4	20	5.5	20	7.5	18	5.5	18	4	14
15	18	6.5	18	6.5	18	6.5	18	6.5	15	9.5	17	6.5	18	8.5	15	11	16	11	18	15	18	17	19	21	19	17	22	15	20	20	23	15	22	6.5	22	5.5	19	12	19	8.5	19	4.5	19	7.5	19	6.5	19	5.5	15
16	19	7.5	20	9.5	20	4	20	6.5	20	4	20	3	20	3	20	4	20	7.5	15	7.5	14	14	14	13	14	16	14	16	14	18	14	14	15	11	15	10.5	16	7.5	16	7.5	16	6.5	16	5.5	16	4	16	4.5	16
17	16	3	16	4	16	4	16	4	16	4.5	16	4	16	4	16	4	16	4.5	16	4.5	16	6.5	16	5.5	10	6	10	4.5	10	4.5	10	6.5	10	4.5	10	6.5	10	4.5	10	7.5	10	6.5	10	5.5	10	7.5	11	7.5	17
18	13	7.5	15	5.5	15	5.5	15	7.5	15	8.5	15	11	14	6.5	15	10.5	15	10.5	15	10.5	14	13	14	9.5	13	13	14	13	14	15	14	18	15	15	15	11	14	13	14	11	16	11	14	13	14	13	14	13	18
19	14	16	14	14	14	13	14	11	14	13	14	16	14	18	14	20	14	17	14	15	14	16	14	15	13	16	13	16	14	12	14	12	14	14	14	11	14	5.5	14	4.5	14	7.5	12	10.5	13	16	13	20	19
20	13	16	13	15	12	16	11	14	11	18	12	18	12	16	12	18	13	17	13	14	13	19	13	11	11	16	10	19	10	20	10	20	11	22	10	15	11	14	9	13	8	12	8	6.5	10	11	9	16	20
21	9	18	9	21	9	23	9	21	8	21	8	20	10	20	9	27	9	19	11	21	13	20	13	16	14	17	14	15	13	13	12	18	12	11	12	12	13	8.5	12	10.5	12	13	12	10.5	12	10.5	12	8.5	21
22	12	9.5	12	7.5	12	6.5	12	4.5	12	6.5	12	4	12	5.5	12	4.5	12	6.5	12	11	12	13	12	12	12	9	12	10.5	12	13	12	14	12	12	12	14	12	12	10	8.5	10	7.5	10	6.5	10	6.5	7	8.5	22
23	7	8.5	7	7.5	7	8.5	5	9.5	5	12	5	10.5	5	12	6	13	6	10.5	6	11	6	12	6	12	6	13	7	12	7	14	6	12	6	11	6	12	6	10.5	6	8.5	6	6.5	6	6.5	6	6.5	2	8.5	23
24	2	8.5	2	8.5	32	8.5	32	8.5	32	9.5	1	9.5	1	14	3	18	4	17	4	20	4	22	4	20	5	20	4	21	4	22	4	20	2	20	4	18	3	12	3	13	3	10.5	3	9.5	1	9.5	31	11	24
25	32	13	32	13	1	14	1	16	2	17	32	10.5	31	10.5	32	19	32	16	2	15	4	21	4	20	4	24	4	22	4	25	4	20	2	18	32	17	1	13	32	9.5	31	11	32	13	32	13	31	12	25
26	29	11	30	10.5	30	11	30	12	29	13	29	10.5	29	10.5	30	11	30	12	31	14	32	12	32	15	32	14	31	11	31	14	32	12	32	11	32	9.5	32	10.5	32	8.5	32	7.5	32	7.5	32	6.5	32	6.5	26
27	32	5.5	32	5.5	32	6.5	32	4.5	32	5.5	32	4.5	32	6.5	32	6.5	5	8.5	6	10.5	7	14	7	11	9	10.5	10	10.5	11	9.5	11	11	11	10.5	11	9.5	12	8.5	12	7.5	12	10.5	12	10.5	15	10.5	15	12	27
28	16	9.5	16	10.5	16	7.5	16	4	16	5.5	16	5.5	16	6.5	16	8.5	16	9.5	14	15	14	18	14	14	16	16	14	17	14	18	14	19	14	19	14	18	14	20	15	14	16	9.5	16	12	15	9.5	15	14.5	28
29	15	11	14	9.5	14	7.5	14	10.5	14	9.5	14	10.5	14	10.5	14	10.5	14	10.5	14	12	14	13	13	12	13	15	13	12	13	11	13	16.5	12	12	12	11	12	10.5	12	10.5	12	8.5	12	8.5	12	8.5	12	6.5	29
30	12	4.5	12	5.5	12	9.5	12	8.5	12	11	12	10.5	12	8.5	12	10.5	13	11	13	13	13	14	12	14	13	13	12	15	12	13	12	13	12	12	13	13	13	11	13	10.5	13	9.5	13	6.5	13	4.5	13	3	30
31																																																	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	.	.	.	.	.	.	.	.010	.070	.040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.075	.	.	.	.	.010	.100	.010	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	6
7	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	9
10	.	.	.	.	.	.	.	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.005	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.020	.	.	.	.	.	.020	.010	.010	.025	.	.	.	.	.	.	.010	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.005	.	.005	.	.010	.050	.100	.130	.015	.025	.	.	.035	.010	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.005	.005	.	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	18
19	.	.	.	.	.	.	.	.005	.010	.	.	.	.	.010	.	.	.	.005	.	.	.	.	.	.	19
20	.005	.010	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.045	.015	.030	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.005	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.010	.005	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31																									31
	.015	.010	.025	.020	.015	.020	.055	.030	.220	.265	.180	.015	.025	–	.020	.145	.020	.020	.015	.010	.245	–	.010	.025	.015
	2	2	3	4	3	4	3	6	5	6	4	1	2	–	2	3	2	2	1	2	1	2	–	1	2	2

*Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
...	...	*	*	...	...	.160	.165	.168	.158	...	*	*	...	.147	.149	.143	.153	.152	.161	.162	.154	.150	.161	1
.149	.135	.136	.130	.120	.132	.147	.160	*	.182	.184	.186	.180	.199	.195	.201	.203	.187	.192	.191	.188	.186	.187	.185	2
.165	.184	.187	.186	.182	.179	.182	.179	.180	.197	.199	.211	.194	.201	.203	.206	.209	.210	.204	.202	.193	.187	.179	.173	3
.172	.170	.171	.178	.170	.168	.168	.175	.194	.187	.193	.195	.194	.207	.204	.207	.210	.213	.205	.206	.198	.198	.201	.192	4
.165	.184	.175	.175	.170	.161	.163	.178	.189	.206	.203	.194	.179	.201	.179	.221	.212	.213	.212	.203	.198	.192	.187	.183	5
.179	.171	.159	...	*	*	...	...	.222	.224	.231	.244	.238	.233	.231	.211	.217	.213	.215	.229	.209	.202	.188		6
.190	.202	.195	.188	.185	.195	.214	.233	.245	.240	.249	.233	.254	.245	.245	.230	.223	.207	.202	.210	.212	.213	.213	.208	7
.208	.205	.201	.202	.203	.207	.215	.220	.227	.228	.233	.236	.239	.238	.231	.228	.217	.213	.216	.213	.210	.208	.208	.202	8
.204	.205	.208	.207	.209	.220	.232	.228	.232	.227	.236	.226	.226	.219	.231	.233	.219	.214	.211	.205	.207	.222	.223	.226	9
.235	.235	.230	.246	.247	.264	.256	.258	.262	.270	.252	.224	.228	.238	.245	.236	.231	.238	.233	.261	.264	.260	.258	.257	10
.257	.261	.261	.260	.264	.261	.272	.270	.270	.270	.278	.276	.272	.275	.268	.271	.269	.270	.270	.266	.267	.262	.259	.256	11
.256	.257	.255	.255	.249	.245	.250	.262	.262	.268	.272	.275	.275	.274	.276	.274	.274	.269	.271	.261	.259	.257	.247	.247	12
.249	.252	.253	.253	.256	.258	.257	.263	.267	.271	.272	.264	.259	.262	.272	.273	.277	.275	.277	.276	.278	.274	.272	.285	13
.289	.291	.289	.287	.282	.284	.305	.307	.330	.340	.345	.356	.357	.380	.358	.342	.326	.316	.316	.318	.299	.290	.291	.296	14
.300	.293	.292	.294	.283	.299	.304	.316	.322	.329	.310	.309	.309	.284	.265	.256	.274	.294	.296	.301	.310	.307	.313	.317	15
.304	.309	.305	.304	.296	.305	.323	.315	.308	.317	.345	.357	.353	.303	.290	.306	.294	.308	.305	.282	.287	.287	.287	.287	16
.285	.289	.293	.297	.296	.294	.296	.297	.297	.298	.293	.290	.296	.305	.302	.302	.304	.302	.297	.296	.294	.287	.288	.284	17
.283	.291	.291	.287	.280	.277	.283	.290	.290	.299	.309	.302	.295	.303	.296	.291	.289	.284	.282	.280	.278	.277	.282	.281	18
.277	.276	.274	.271	.274	.273	.265	.267	.267	.268	.272	.280	.275	.277	.281	.280	.281	.275	.274	.276	.281	.275	.274	.276	19
.278	.285	.277	.276	.277	.280	.283	.281	.285	.294	.290	.288	.289	.285	.285	.281	.280	.276	.281	.281	.284	.284	.280		20
.277	.274	.273	.275	.282	.292	.290	.288	.288	.291	.298	.299	.313	.295	.298	.299	.287	.281	.277	.274	.276	.271	.271		21
.269	.267	.264	.265	.268	.272	.274	.281	.285	.288	.288	.285	.285	.285	.285	.281	.281	.278	.268	.269	.266	.269	.269	.258	22
.255	.262	.261	.256	.268	.269	.267	.264	.265	.272	.281	.274	.276	.268	.271	.266	.269	.268	.260	.262	.250	.255	.259	.260	23
.262	.260	.260	.260	.262	.261	.267	.271	.280	.276	.270	.280	.271	.274	.266	.270	.267	.261	.256	.255	.237	.242	.238	.255	24
.256	.253	.243	.243	.238	.234	.246	.231	.227	.235	.241	.248	.252	.230	.228	.228	.223	.215	.226	.232	.215	.200	.193	.194	25
.190	.219	.221	.211	.217	.223	.229	.233	.225	.226	.228	.219	.221	.225	.212	.215	.229	.227	.236	.233	.240	.242	.240	.234	26
.246	.234	.245	.247	.248	.253	.247	.255	.263	.269	.270	.273	.268	.263	.252	.245	.243	.242	.235	.237	.239	.235	.227	.232	27
.229	.226	.226	.224	.225	.228	.240	.242	.259	.269	.267	.271	.264	.269	.267	.262	.266	.261	.257	.258	.262	.256	.254	.252	28
.257	.251	.252	.253	.254	.250	.254	.258	.262	.260	.264	.267	.271	.263	.270	.267	.262	.252	.246	.248	.252	.258	.264	.267	29
.270	.269	.262	.255	.250	.244	.241	.243	.250	.248	.246	.243	.241	.230	.235	.234	.234	.241	.231	.235	.233	.239	.250	.259	30
																								31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50°9′ N LONG 5°4′ W — HOURLY VALUES April 1878.

BAROMETER. CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	28·995	28·999	29·002	29·017	29·023	29·047	29·060	29·077	29·095	29·113	29·119	29·127	[illegible]	29·131	29·129	29·133	29·135	29·139	29·137	29·137	29·135	29·137	29·149	29·151	1
2	29·152	29·153	·147	·145	·145	·161	·174	·185	·207	·237	·258	·271	[illegible]	·303	·313	·338	·343	·355	·365	·386	·401	·403	·407	·407	2
3	·397	·383	·373	·357	·343	·313	·298	·280	·263	·287	·287	·287	[illegible]	·317	·333	·345	·358	·378	·395	·418	·435	·451	·467	·479	3
4	·483	·488	·501	·517	·541	·553	·571	·583	·596	·615	·616	·619	[illegible]	·619	·611	·617	·621	·627	·627	·636	·634	·634	·633	·631	4
5	·631	·627	·623	·623	·628	·641	·657	·677	·693	·713	·719	·735	[illegible]	·761	·767	·771	·787	·805	·813	·827	·843	·843	·849	·849	5
6	·848	·849	·848	·849	·849	·857	·871	·881	·891	·896	·898	·901	[illegible]	·894	·892	·896	·886	·882	·871	·866	·876	·876	·871	·851	6
7	·824	·802	·794	·784	·771	·771	·756	·744	·726	·714	·704	·680	[illegible]	·630	·602	·576	·560	·548	·544	·534	·531	·522	·516	·504	7
8	·494	·483	·456	·444	·432	·429	·446	·453	·454	·454	·472	·466	[illegible]	·476	·476	·472	·470	·474	·480	·484	·490	·496	·510	·514	8
9	·520	·514	·514	·520	·528	·536	·550	·551	·560	·566	·581	·587	[illegible]	·605	·607	·611	·611	·617	·621	·637	·641	·647	·645	·641	9
10	·631	·625	·617	·605	·593	·601	·597	·592	·585	·575	·574	·577	[illegible]	·570	·568	·570	·578	·590	·596	·614	·616	·620	·633	·650	10
11	·666	·670	·678	·690	·718	·735	·748	·762	·794	·818	·823	·835	[illegible]	·854	·853	·857	·875	·893	·896	·911	·921	·917	·916	·917	11
12	·899	·897	·903	·901	·896	·897	·896	·891	·883	·886	·892	·888	[illegible]	·866	·848	·832	·833	·820	·796	·785	·776	·774	·768	·760	12
13	·740	·713	·693	·668	·648	·642	·640	·640	·646	·645	·653	·659	[illegible]	·663	·666	·683	·693	·707	·709	·725	·739	·741	·744	·743	13
14	·734	·725	·724	·721	·717	·711	·719	·725	·725	·721	·727	·727	[illegible]	·726	·722	·716	·722	·724	·727	·742	·752	·762	·772	·777	14
15	·779	·772	·766	·765	·766	·774	·786	·786	·790	·796	·788	·786	[illegible]	·774	·758	·746	·740	·734	·722	·725	·715	·706	·690	·680	15
16	·664	·646	·630	·606	·590	·580	·580	·573	·570	·574	·585	·582	[illegible]	·580	·583	·582	·584	·585	·585	·600	·604	·607	·606	·606	16
17	·592	·576	·566	·553	·553	·566	·576	·580	·588	·590	·594	·588	[illegible]	·591	·585	·588	·581	·583	·589	·597	·596	·596	·593	·585	17
18	·581	·568	·563	·557	·558	·567	·561	·561	·555	·553	·547	·531	[illegible]	·491	·466	·461	·439	·433	·431	·445	·461	·471	·471	·471	18
19	·461	·455	·452	·452	·451	·449	·449	·451	·452	·449	·440	·426	[illegible]	·408	·388	·376	·363	·352	·352	·352	·358	·352	·356	·356	19
20	·342	·327	·326	·312	·300	·303	·302	·288	·266	·262	·258	·242	[illegible]	·232	·227	·234	·235	·236	·242	·246	·232	·223	·212	·196	20
21	·185	·172	·178	·188	·200	·220	·235	·248	·272	·304	·332	·360	[illegible]	·390	·398	·418	·438	·455	·485	·506	·507	·512	·530	·548	21
22	·560	·568	·580	·582	·585	·600	·607	·612	·612	·610	·609	·595	[illegible]	·559	·510	·503	·481	·454	·434	·409	·386	·369	·361	·337	22
23	·319	·297	·284	·279	·269	·272	·264	·265	·265	·254	·247	·234	[illegible]	·228	·220	·224	·234	·237	·242	·260	·276	·269	·269	·272	23
24	·270	·267	·270	·270	·278	·286	·299	·309	·330	·344	·362	·368	[illegible]	·387	·389	·396	·402	·404	·428	·450	·458	·466	·472	·482	24
25	·474	·478	·494	·502	·506	·532	·552	·570	·584	·602	·609	·617	[illegible]	·639	·649	·663	·677	·686	·701	·727	·746	·761	·767	·779	25
26	·786	·791	·795	·801	·805	·819	·836	·849	·863	·871	·877	·877	[illegible]	·871	·871	·865	·877	·885	·893	·903	·917	·923	·921	·928	26
27	·928	·921	·913	·912	·917	·929	·935	·947	·962	·975	·983	·983	[illegible]	·983	·975	·965	·968	·959	·953	·957	·959	·951	·945	·941	27
28	·929	·919	·903	·885	·877	·877	·880	·875	·882	·867	·876	·868	[illegible]	·850	·812	·792	·796	·783	·782	·760	·753	·742	·736	·710	28
29	·688	·662	·620	·590	·582	·576	·574	·552	·550	·538	·522	·516	[illegible]	·495	·465	·450	·438	·416	·408	·410	·426	·430	·422	·422	29
30	29·426	29·420	29·414	29·412	29·415	29·420	29·426	29·426	29·420	29·418	29·414	29·404	[illegible]	29·391	29·380	29·362	29·354	29·344	29·340	29·353	29·341	29·328	29·314	29·301	30
31																									31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	41.7	40.4	39.5	38.6	38.7	38.7	38.8	40.2	41.0	41.9	42.8	43.3	44.7	45.2	45.7	44.6	44.0	43.6	41.5	42.0	40.1	39.7	40.0	40.5
2	40.8	39.9	41.0	39.0	39.0	38.8	40.0	41.0	42.0	43.7	46.7	48.0	48.0	48.0	48.1	43.0	45.9	45.5	43.9	43.3	43.0	42.9	43.0	43.2
3	44.1	44.2	43.0	42.7	42.5	42.4	41.9	42.1	45.0	44.3	45.8	46.8	47.7	45.7	47.1	48.0	47.0	46.0	43.8	43.0	42.0	41.4	41.1	40.9
4	40.5	40.1	40.4	40.0	39.5	39.0	41.0	43.6	47.7	49.4	48.0	49.1	50.0	48.5	51.0	50.2	48.4	47.0	45.0	43.2	42.5	42.0	42.2	41.4
5	40.4	41.1	40.7	39.9	40.0	39.8	41.0	43.3	46.4	47.4	48.0	48.8	49.1	49.6	49.9	49.0	48.7	47.3	45.0	43.0	42.7	41.8	42.0	41.2
6	40.5	40.2	39.5	39.2	38.7	37.2	38.9	43.5	46.8	48.3	48.9	49.0	49.9	48.7	48.0	47.9	47.4	46.7	45.8	45.3	45.2	45.3	45.7	45.7
7	45.2	45.2	45.8	45.9	46.3	46.4	46.9	47.2	47.9	48.3	48.8	49.1	49.7	49.0	48.9	48.0	47.9	47.8	47.9	47.9	48.3	48.7	48.5	48.9
8	48.2	47.4	46.9	46.3	46.2	46.0	46.0	46.4	46.8	46.8	47.4	48.0	47.3	47.4	47.0	47.1	47.2	47.6	47.8	47.7	47.4	47.4	47.5	47.1
9	46.9	46.7	46.9	46.0	45.7	45.7	[illegible]	45.5	46.0	45.9	45.6	46.2	46.6	47.1	46.9	46.7	46.7	46.8	47.6	47.0	46.7	45.9	45.6	44.9
10	43.5	42.9	42.4	42.4	42.0	42.2	41.8	42.2	42.9	44.6	46.5	47.7	48.0	47.9	48.4	47.0	48.0	47.7	45.8	45.9	45.4	45.1	45.6	45.6
11	45.1	45.2	45.9	45.5	46.0	46.0	46.6	48.0	48.3	48.9	49.9	51.7	53.0	53.0	52.9	51.7	50.9	49.7	48.9	48.5	48.6	48.5	48.4	48.1
12	48.0	47.8	48.0	47.9	47.9	47.9	48.1	48.7	50.2	50.9	52.2	52.4	52.4	52.2	51.8	51.1	50.8	50.1	49.9	49.7	49.4	49.2	49.0	48.7
13	48.7	48.5	48.3	48.2	47.6	47.9	48.2	48.8	49.3	49.9	50.3	51.0	52.3	52.7	53.8	53.0	54.4	52.6	50.0	51.7	50.9	50.3	49.7	50.1
14	50.2	50.0	49.9	49.9	49.8	49.7	49.8	49.9	50.7	51.3	53.0	53.2	53.6	56.0	56.3	55.5	54.9	53.2	53.0	52.2	52.2	52.0	52.0	52.2
15	52.1	51.5	51.5	51.4	51.2	51.2	52.0	51.7	52.2	52.9	53.1	54.7	54.7	55.4	54.3	53.2	52.8	51.8	52.2	52.0	51.5	51.9	51.0	50.[illegible]
16	50.4	50.1	50.1	50.0	50.1	49.9	50.0	50.5	50.9	50.8	51.5	52.2	55.6	57.0	57.0	55.5	54.7	53.3	51.9	50.9	50.2	49.9	50.3	50.2
17	50.0	50.0	50.2	49.0	47.9	49.4	50.3	51.4	53.0	52.8	53.7	53.0	54.7	53.9	54.8	54.0	55.5	52.6	50.7	49.3	48.4	48.0	47.0	47.0
18	47.0	45.4	44.7	44.7	44.0	45.1	47.0	46.8	49.0	49.4	49.8	49.9	50.3	50.2	50.3	50.2	50.2	50.3	50.3	51.2	51.6	51.4	51.4	51.3
19	51.5	51.5	51.2	50.4	50.3	50.9	51.6	53.0	54.0	54.6	55.1	54.3	52.7	52.1	52.7	52.5	52.0	51.9	51.7	52.3	52.5	52.5	52.0	51.0
20	50.7	50.5	50.2	49.2	49.2	49.1	49.4	49.9	52.6	52.0	53.4	53.6	52.8	53.7	53.1	50.7	52.0	51.3	49.7	48.5	48.4	48.0	47.7	47.9
21	47.9	47.9	47.4	46.8	46.2	45.6	48.3	50.2	49.0	47.5	48.1	49.0	50.3	51.7	53.5	50.6	51.3	51.0	48.7	48.0	48.7	48.0	48.5	48.2
22	47.6	46.8	47.0	47.0	46.7	46.9	48.9	49.6	50.3	51.2	51.8	52.0	52.0	52.0	51.5	51.1	50.7	49.5	49.0	48.6	48.4	48.7	48.3	48.1
23	48.3	48.9	48.8	48.7	48.4	48.4	48.7	47.3	47.9	47.5	48.4	48.9	49.1	49.3	49.8	49.5	49.9	49.6	50.8	50.9	50.9	50.7	50.4	50.6
24	50.5	50.0	50.0	50.0	49.9	50.0	50.0	50.2	50.9	51.7	52.2	52.6	52.2	52.6	53.1	53.7	54.7	54.6	54.0	53.7	53.1	52.7	52.2	52.0
25	51.3	51.1	49.5	47.6	47.5	46.1	48.0	50.0	52.9	54.8	55.7	56.1	58.3	59.7	59.4	58.2	58.5	58.8	57.7	54.2	53.9	53.0	51.8	50.6
26	49.7	48.0	45.9	45.6	44.0	43.7	45.4	47.9	50.2	50.0	51.0	52.1	52.7	52.2	53.5	54.9	52.6	51.3	49.0	47.3	46.5	46.2	45.4	45.0
27	45.1	44.3	44.4	43.8	43.4	43.0	45.7	48.7	51.0	50.8	48.5	48.1	48.9	49.9	49.6	49.0	49.6	48.8	47.8	47.4	47.5	47.3	47.2	47.0
28	47.5	47.5	47.5	47.7	48.0	48.4	49.0	49.8	50.0	52.4	52.2	52.7	53.2	53.0	52.9	52.7	51.7	50.9	49.9	48.4	48.0	48.0	48.3	47.8
29	49.3	50.0	50.5	50.5	50.6	50.5	51.6	51.8	52.2	52.1	52.2	52.1	52.5	52.7	52.4	52.2	51.2	51.2	51.8	51.9	52.7	52.9	52.9	52.8
30	52.8	52.8	53.0	52.9	52.6	52.5	53.0	53.1	53.0	53.2	53.4	54.2	55.0	54.4	54.0	55.5	55.7	54.7	53.1	52.5	52.8	52.9	52.6	52.5
31																								

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
[illegible]	39.3	38.3	37.5	37.1	37.0	37.2	38.5	37.2	36.6	37.2	37.3	38.5	38.7	39.1	39.9	39.0	39.4	38.9	39.4	38.1	37.9	38.6	39.0	1
[illegible]	38.3	38.7	37.8	37.7	37.9	38.7	39.7	40.0	40.7	43.0	43.9	43.0	42.8	43.0	41.6	43.0	42.3	41.2	40.9	41.0	40.8	40.8	41.2	2
[illegible]	42.0	41.6	41.5	41.7	41.7	41.0	41.2	42.0	43.0	44.1	45.3	45.8	43.5	43.9	43.9	42.9	42.2	41.0	40.4	39.8	39.3	39.0	38.7	3
[illegible]	37.9	38.0	37.9	37.5	37.2	40.1	41.2	44.0	44.9	44.0	44.6	45.2	44.4	45.2	44.9	43.9	42.7	41.8	40.0	40.1	39.6	40.1	39.4	4
[illegible]	39.3	39.0	38.0	38.4	37.9	39.6	41.7	42.6	43.1	44.6	43.7	43.7	44.0	44.2	43.0	43.6	42.3	41.8	40.3	39.4	38.9	39.4	38.8	5
[illegible]	38.4	37.6	37.3	36.9	35.8	37.0	41.2	43.2	43.9	44.2	44.1	44.9	43.5	43.4	43.9	43.7	42.8	42.7	42.6	42.0	42.2	42.6	42.9	6
[illegible]	42.8	43.5	43.8	44.1	43.9	43.9	43.3	44.2	44.6	44.9	45.0	45.2	44.7	44.7	44.5	*	†44.5	44.6	44.6	45.0	45.3	45.5	45.5	7
[illegible]	45.3	45.1	45.0	45.0	44.7	44.8	45.0	45.1	45.1	45.5	45.5	44.8	44.5	44.6	44.6	45.1	45.1	45.6	45.9	46.4	46.4	46.4	46.2	8
[illegible]	45.1	44.9	44.6	44.3	44.0	43.8	43.5	43.7	43.1	43.2	43.2	42.7	42.0	42.0	42.1	42.2	42.8	43.5	43.0	43.6	43.6	43.3	42.8	9
[illegible]	41.9	41.6	41.0	40.9	40.9	40.8	40.8	41.5	42.2	43.6	44.5	44.5	44.5	45.4	45.0	45.3	45.0	44.4	44.1	43.8	43.6	44.5	45.7	10
[illegible]	43.9	44.4	44.2	44.8	44.8	45.0	45.9	46.0	46.5	47.2	48.5	49.7	49.7	49.6	48.2	48.0	47.3	47.1	46.9	47.0	47.0	47.1	46.9	11
[illegible]	46.6	46.7	46.7	46.7	46.8	47.2	47.6	49.0	49.2	50.2	50.2	50.3	50.0	49.5	49.0	49.6	49.2	49.1	49.0	48.5	48.5	48.5	48.0	12
[illegible]	47.5	47.7	47.7	46.8	47.1	47.8	48.3	48.9	49.4	49.9	50.7	52.0	52.4	53.3	53.0	53.3	51.8	52.1	51.0	50.5	49.8	49.2	49.7	13
[illegible]	49.4	49.3	49.3	49.2	49.1	49.3	49.5	49.9	50.8	52.0	52.3	52.4	53.9	54.2	53.5	52.9	52.2	51.9	51.4	51.5	51.4	51.1	50.6	14
[illegible]	50.1	49.0	50.1	50.1	50.0	50.5	50.4	51.2	51.4	52.2	53.2	52.9	53.1	52.7	52.0	52.0	51.2	51.8	51.3	50.7	50.8	50.2	49.9	15
[illegible]	49.4	49.5	49.3	49.6	49.2	49.5	50.0	50.4	50.4	51.0	51.8	54.3	53.5	54.0	52.8	52.3	51.0	50.1	49.4	49.0	48.7	49.3	49.1	16
[illegible]	49.1	49.2	47.4	46.6	48.0	48.8	49.3	50.2	50.3	50.6	50.3	51.0	50.1	50.9	50.2	50.5	49.3	48.3	47.7	47.0	46.7	45.7	45.5	17
[illegible]	44.7	44.0	43.9	43.4	44.3	46.4	46.2	48.4	[illegible]	49.2	49.4	49.8	49.8	50.0	49.9	50.0	50.0	50.0	50.7	51.3	50.6	50.8	50.8	18
[illegible]	50.9	50.6	49.8	49.6	50.3	51.0	51.7	52.6	53.0	53.5	52.6	51.6	51.3	51.6	51.4	51.4	51.4	51.3	51.3	51.7	51.7	51.4	50.7	19
[illegible]	50.0	49.5	48.5	48.7	48.5	49.0	49.0	51.4	51.0	51.6	51.9	51.3	50.1	50.5	48.4	48.6	47.6	46.6	45.6	46.5	46.2	45.3	46.5	20
[illegible]	47.1	46.5	45.5	44.6	44.4	46.0	47.0	46.2	45.3	45.1	45.5	47.3	46.3	48.3	46.3	47.3	47.4	46.0	46.2	46.5	47.2	46.7	46.4	21
[illegible]	45.5	45.7	45.8	45.5	45.4	46.9	47.1	47.5	48.4	49.2	49.2	49.2	49.0	48.7	48.4	48.3	47.3	47.2	45.8	46.6	46.3	46.1	46.2	22
[illegible]	47.6	47.5	47.6	47.2	47.1	47.2	45.9	46.6	46.0	46.7	47.1	48.0	48.1	48.3	48.2	48.3	48.1	48.6	48.7	48.9	48.8	48.9	49.1	23
[illegible]	49.0	49.1	49.2	49.4	49.4	49.3	49.5	49.7	50.3	50.9	50.7	51.3	51.4	51.9	51.9	52.5	52.0	51.8	51.3	51.5	51.4	51.4	51.3	24
[illegible]	49.6	48.2	46.4	46.2	45.0	46.2	47.2	49.2	50.8	51.7	52.1	53.9	53.8	54.0	53.3	53.1	52.5	53.0	50.6	49.6	48.5	47.6	47.0	25
[illegible]	45.0	44.0	43.0	41.5	40.8	42.1	43.9	46.0	45.7	47.0	48.0	49.0	48.7	50.2	49.0	47.4	46.5	45.7	44.6	44.7	44.3	43.9	43.5	26
[illegible]	43.4	43.3	42.5	42.5	42.3	44.3	46.2	48.7	48.3	46.4	46.0	46.6	47.4	47.3	47.6	47.6	46.9	46.3	46.0	45.9	45.9	45.6	45.9	27
[illegible]	46.4	46.6	46.7	46.8	47.0	47.6	48.3	48.6	50.3	50.2	50.4	51.0	50.9	50.5	50.2	49.5	49.0	48.1	47.1	46.9	46.9	47.1	47.7	28
[illegible]	48.8	49.1	49.2	49.4	49.4	50.1	50.6	51.0	50.8	51.0	50.9	51.0	51.2	51.0	50.9	50.7	50.6	51.0	51.3	52.2	52.4	52.3	52.2	29
[illegible]	52.5	52.8	52.6	52.2	52.4	52.8	52.9	52.6	52.8	53.0	53.9	54.7	53.8	53.6	54.8	54.7	53.9	52.5	52.0	52.2	52.2	52.0	52.2	30
																								31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50°9' N. LONG: 5°4' W. HOURLY VALUES April 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	27	10.5	32	13	31	12	32	11	31	9.5	31	10.5	28	10.5	28	12	28	17	28	18	30	15	27	15
2	24	12	23	13	23	16	24	18	23	14	26	11	27	10.5	26	9.5	25	17	28	18	26	19	25	20
3	22	13	22	12	24	13	21	10.5	21	5.5	20	8.5	20	4.5	20	3	20	4	20	7.5	21	16	23	20
4	25	10.5	25	11	25	11	26	10.5	26	8.5	26	6.5	26	9.5	26	5.5	24	6.5	24	8.5	25	11	23	10.5
5	26	12	23	13	26	13	26	13	24	13	24	9.5	25	5.5	23	10.5	26	13	26	14	26	14	26	15
6	27	3	27	3	27	3	27	3	27	4	27	4.5	27	4	27	4.5	27	8.5	13	10.5	11	10.5	11	10.5
7	9	27	9	30	9	33	9	33	10	33	10	35	10	38	10	41	9	40	10	41	9	44	9	42
8	9	39	9	35	10	39	9	35	9	34	9	35	9	38	10	38	10	37	10	36	9	40	9	39
9	7	36	7	36	7	38	8	33	8	30	8	34	8	33	9	36	8	37	8	36	7	38	8	32
10	4	19	1	20	1	18	2	20	2	19	2	16	31	16	1	16	1	20	1	21	1	16	3	8.5
11	31	8.5	31	11	29	18	29	20	29	13	29	15	29	14	29	15	28	15	28	15	29	15	29	14
12	27	4.5	27	6.5	27	4.5	27	4.5	27	4	27	1.5	27	2	27	4.5	19	8.5	15	10.5	13	12	13	14
13	14	17	14	21	14	20	15	21	14	26	14	25	15	25	15	26	15	25	15	28	16	25	17	26
14	18	12	18	13	17	11	17	14	18	9.5	18	6.5	16	10.5	16	11	16	14	16	14	15	17	16	16
15	18	10.5	18	7.5	18	7.5	18	9.5	18	7.5	18	7.5	18	6.5	18	10.5	18	8.5	18	9.5	17	10.5	16	10.5
16	16	6.5	16	7.5	16	9.5	16	15	16	10.5	16	9.5	16	8.5	16	10.5	16	13	16	13	16	15	16	12
17	23	17	22	18	21	17	23	17	23	13	23	17	23	18	23	17	24	26	25	23	25	28	25	25
18	25	4	23	8.5	23	7.5	23	3	23	3	23	4	23	5.5	23	8.5	12	11	12	12	11	14	11	11
19	22	15	21	16	21	11	21	16	21	9.5	21	11	21	10.5	19	16	18	13	17	16	15	13	14	14
20	20	11	20	10.5	20	7.5	20	7.5	20	10.5	20	9.5	17	12	17	13	16	15	16	12	15	17	13	23
21	15	9.5	16	11	21	15	21	19	22	17	22	11	22	11	23	12	25	13	27	14	26	14	26	14
22	28	13	28	9.5	28	6.5	28	4	28	5.5	3	5.5	5	7.5	9	10.5	9	10.5	10	11	10	12	10	12
23	9	25	10	21	9	24	9	21	8	24	8	24	7	26	8	24	7	25	7	30	4	36	4	31
24	4	13	4	12	2	13	2	12	2	10.5	2	13	2	12	2	12	3	12	4	13	6	12	5	14
25	31	10.5	31	10.5	32	11	32	9.5	31	8.5	30	8.5	30	10.5	31	7.5	2	8.5	2	6.5	2	4.5	2	4.5
26	1	6.5	1	6.5	1	5.5	1	5.5	1	8.5	1	8.5	1	5.5	1	4.5	1	5.5	11	7.5	12	8.5	15	12
27	29	7.5	29	7.5	29	7.5	29	7.5	29	6.5	31	4.5	31	4	4	9.5	10	18	10	17	9	20	11	16
28	11	8.5	11	8.5	11	10.5	10	12	8	12	8	15	8	14	8	17	8	13	10	19	10	21	10	23
29	7	8.5	8	12	10	25	10	23	9	17	9	14	11	9.5	11	15	11	16	11	19	9	22	9	19
30	19	12	19	13	19	10.5	19	6.5	19	7.5	19	9.5	19	14	19	10.5	19	9.5	17	10.5	15	11	15	13
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	26	15	26	17	25	15	26	17	25	17	25	15	25	10.5	22	12	22	17	23	12	23	12	23	14
2	26	23	26	26	26	24	26	21	25	22	25	21	25	22	24	18	23	15	23	13	23	14	23	16
3	25	23	26	24	25	23	25	26	25	25	26	20	25	15	25	12	25	14	25	13	25	11	25	10.5
4	26	12	26	7.5	22	16	21	16	24	12	24	8.5	22	8.5	22	10.5	20	7.5	20	6.5	22	10.5	22	10.5
5	26	15	26	14	27	13	26	12	27	11	27	8.5	27	4.5	27	5.5	27	5.5	27	4	27	3	27	2
6	10	14	8	14	7	16	10	19	10	17	10	17	9	19	9	21	9	25	10	26	10	26	9	28
7	8	40	9	40	8	40	8	43	8	41	9	44	8	43	9	44	9	41	9	40	9	36	9	42
8	8	36	9	38	8	34	9	32	9	30	8	33	8	28	8	29	8	30	8	27	8	31	7	32
9	8	30	8	35	7	35	8	30	8	31	9	33	9	29	9	26	9	27	7	30	6	30	6	32
10	3	4.5	3	4.5	3	6.5	28	9.5	28	8.5	30	10.5	30	15	30	15	30	15	30	15	31	14	31	10.5
11	27	12	27	14	28	12	28	14	27	10.5	27	11	27	8.5	27	6.5	27	6.5	27	5.5	27	4.5	27	6.5
12	13	18	13	17	13	18	13	16	12	12	12	15	12	20	13	22	13	18	14	20	14	18	14	19
13	17	26	17	22	18	17	20	14	20	9.5	20	4.5	20	7.5	19	9.5	19	6.5	19	8.5	19	9.5	19	12
14	16	16	16	18	17	20	17	19	17	16	18	16	18	17	18	15	18	13	18	8.5	18	7.5	18	7.5
15	15	14	15	14	15	14	15	14	15	15	15	15	17	16	17	13	17	8.5	17	8.5	17	9.5	16	7.5
16	20	15	23	15	22	21	22	20	21	17	22	19	23	17	23	15	23	13	23	13	23	13	23	15
17	24	28	25	27	24	29	25	24	25	25	25	21	25	20	25	13	25	13	25	7.5	25	12	25	4.5
18	11	14	13	18	13	19	13	13	13	10.5	13	9.5	13	9.5	17	9.5	22	10.5	22	8.5	22	8.5	22	11
19	15	15	15	13	16	15	16	18	16	15	16	15	17	13	18	14	18	13	19	16	20	16	20	9.5
20	13	21	15	18	16	21	20	19	21	14	20	14	18	10.5	18	9.5	15	12	15	13	15	15	13	14
21	26	16	26	13	28	12	28	13	26	14	27	14	27	10.5	27	10.5	25	18	27	17	27	17	27	16
22	11	13	11	13	11	17	11	18	10	22	10	22	10	21	10	26	10	28	11	28	11	28	10	24
23	6	31	6	29	6	32	7	30	6	31	5	33	5	32	4	27	4	23	3	24	2	19	2	19
24	5	10.5	3	7.5	3	6.5	3	6.5	3	10.5	3	12	3	11	3	8.5	3	7.5	2	11	32	12	32	11
25	12	5.5	12	5.5	12	7.5	12	5.5	12	3	12	4.5	32	9.5	32	10.5	31	10.5	32	10.5	1	10.5	1	7.5
26	15	11	15	12	15	7.5	28	12	29	18	29	16	29	16	29	16	29	13	29	10.5	29	9.5	29	9.5
27	11	16	11	13	11	12	11	11	11	10.5	11	10.5	11	6.5	11	7.5	11	9.5	11	11	11	9.5	11	9.5
28	10	21	11	22	10	23	10	22	10	22	10	22	8	17	8	19	8	20	8	12	8	9.5	8	11
29	10	19	10	22	10	22	9	23	9	16	8	16	10	19	14	14	15	11	16	11	18	13	19	10.5
30	15	14	15	10.5	15	12	17	16	17	15	17	8.5	17	10.5	16	8.5	16	10.5	15	10.5	13	13	13	9.5
31																								

1 day RAINFALL.

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.015	.010	.005	.005	.005	.	.	.	.005	-	-	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.005	.005	.	.065	.005	.030	-	.	-	.	.	.	.050	.	.	.	.	.	.	.	.	.
3	.	.005	.045	.030	.025	.060	.105	.100	.045	.005	.	.	.020	.020	-	.	.	.005	.	-	.	.	.	.005
4	.		.	.	.	.	.005	.005	-	.	.	-	-	.	-	.	.	.	.	.	.	.	.	.
5	.040	.020	.	.	.	.	.	.015	.	.005	.010	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.035	.030	.070	.035	.030	.020	.	.	.005	.	.	-	.	.	.	.	.	.005	.015	.010	.040	.045	.035
9	.010	.050	.005	.	.030	.040	.040	.045	.	.005	.	.	.	.	.	.	.	.	.	.	.	.005	.	.005
10	.025	.015	.025	.020	.005	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.020	.	.040	.070	.060
13	.030	.025	.110	.110	.090	.075	.070	.065	.075	.115	.035	.020	.010	.	.005	.	.	.	.	.	.	.	.	.
14	.	.	.005	.	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.
15	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.005	.	.005	.005
16	.	.	.	.040	.050	.040	.005	.005	.	.	.	.	.030	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.005	.	.	.	.	.	.	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.005
18	.	.	.	.	.	.005	.	.	.	.	.005	.005	.050	.020	.030	.060	.075	.025	.010	.010	.005	-	.	.
19	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.020	.005	.005	,	.	.005
20	.	.	.	.005	.	.	.	.005	.	.	.005	.	.	.	.	.	.005	.	.	.	.	.	.005	.005
21	.110	.010	.005	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.005	-	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.015	.015	.070	.040	.020	.015	.005	.010	.020	.020	.070	.	.	.	.	.	.
24	.020	.010	.030	.020	.055	.050	.005	.	.	.010	.	.	.	.015	.	.	.005	.	.	.	.	.	.025	.070
25	.005	.	.	.	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.005	.	.	.	.	.	.	.005	.015	.005	.005	.	.005	.	.	.045	.015	.	.	.010	.015	.005	.
30	.	.005	.	.	.	.005	.005	.005	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.030
31																								
.200	.255	.185	.225	.295	.285	.315	.160	.205	.100	.230	.100	.055	.125	.065	.045	.080	.155	.115	.050	.055	.050	.105	.155	.225
10	8	10	10	9	10	9	9	12	4	8	6	5	5	5	3	2	6	4	5	5	6	6	6	10

*Record defective or Instrument out of action. † Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.247	.228	.219	.213	.204	.202	.205	.215	.183	.169	.171	.168	.176	.176	.178	.198	.188	.199	.209	.214	.208	.208	.218	.221
2	.215	.214	.210	.214	.212	.218	.220	.229	.225	.221	.236	.241	.224	.220	.223	.247	.245	.235	.229	.229	.234	.231	.230	.236
3	.241	.242	.247	.248	.255	.256	.246	.248	.255	.261	.269	.284	.285	.258	.250	.241	.231	.229	.226	.223	.221	.217	.214	.211
4	.206	.204	.203	.205	.204	.203	.228	.232	.246	.249	.243	.246	.249	.247	.240	.241	.238	.227	.229	.213	.222	.218	.225	.219
5	.228	.220	.218	.208	.215	.207	.227	.246	.232	.231	.255	.231	.229	.230	.231	.217	.231	.217	.229	.221	.207	.207	.214	.210
6	.217	.213	.205	.203	.200	.194	.200	.233	.239	.239	.240	.237	.244	.228	.234	.242	.243	.232	.240	.242	.231	.235	.239	.247
7	.249	.247	.257	.262	.265	.258	.252	.237	.248	.253	.255	.254	.251	.249	.250	.253	*	†.255	.256	.256	.261	.264	.270	.267
8	.271	.277	.278	.283	.285	.280	.283	.282	.279	.279	.282	.274	.267	.260	.264	.265	.275	.270	.278	.286	.303	.303	.302	.302
9	.297	.281	.274	.278	.275	.268	.264	.260	.259	.247	.252	.246	.231	.213	.215	.219	.221	.231	.238	.233	.249	.258	.254	.250
10	.256	.254	.254	.241	.243	.241	.243	.239	.246	.241	.251	.252	.253	.254	.268	.275	.270	.267	.264	.268	.267	.265	.280	.264
11	.272	.271	.275	.275	.283	.283	.280	.283	.282	.288	.292	.303	.315	.315	.314	.296	.300	.297	.301	.302	.302	.304	.307	.306
12	.304	.302	.302	.303	.303	.305	.313	.316	.332	.329	.337	.335	.338	.332	.326	.322	.340	.338	.338	.338	.330	.332	.335	.326
13	.324	.316	.323	.325	.308	.313	.327	.333	.341	.346	.354	.366	.384	.390	.407	.390	.391	.375	.377	.365	.362	.352	.343	.352
14	.353	.345	.343	.343	.342	.341	.345	.349	.356	.365	.374	.380	.377	.388	.393	.384	.373	.377	.371	.369	.372	.372	.364	.348
15	.342	.345	.340	.346	.348	.345	.348	.348	.363	.359	.379	.385	.376	.374	.376	.371	.377	.369	.380	.369	.358	.357	.353	.350
16	.351	.344	.347	.342	.349	.340	.348	.355	.359	.361	.368	.380	.404	.364	.377	.365	.362	.343	.339	.334	.332	.328	.339	.335
17	.337	.337	.337	.308	.300	.317	.326	.326	.327	.333	.328	.330	.328	.313	.325	.315	.310	.311	.309	.311	.305	.302	.291	.287
18	.287	.287	.279	.277	.274	.281	.308	.306	.332	.340	.342	.346	.352	.353	.357	.356	.358	.357	.357	.363	.374	.359	.364	.365
19	.368	.365	.361	.351	.346	.357	.366	.366	.377	.380	.388	.373	.367	.368	.366	.365	.372	.373	.373	.365	.373	.373	.372	.358
20	.352	.355	.345	.332	.337	.334	.342	.335	.364	.361	.358	.363	.358	.315	.334	.312	.301	.287	.281	.272	.293	.290	.274	.298
21	.315	.313	.305	.290	.276	.278	.282	.284	.280	.276	.264	.266	.290	.255	.279	.265	.280	.285	.279	.290	.290	.304	.297	.293
22	.290	.289	.291	.293	.291	.285	.297	.293	.295	.306	.318	.315	.315	.310	.310	.308	.309	.299	.303	.276	.295	.286	.284	.289
23	.299	.313	.312	.316	.310	.307	.306	.292	.300	.292	.298	.301	.321	.322	.319	.321	.318	.317	.315	.317	.322	.321	.328	.330
24	.329	.334	.337	.339	.346	.345	.342	.346	.342	.347	.355	.345	.366	.363	.370	.361	.366	.353	.355	.346	.360	.362	.369	.369
25	.357	.337	.321	.300	.297	.286	.290	.291	.305	.322	.336	.342	.361	.342	.350	.347	.339	.321	.345	.322	.302	.288	.281	.280
26	.272	.263	.254	.248	.234	.223	.232	.242	.263	.259	.276	.286	.302	.301	.321	.281	.269	.263	.270	.263	.274	.270	.269	.264
27	.267	.270	.267	.257	.262	.262	.275	.283	.316	.308	.290	.284	.290	.296	.298	.301	.305	.298	.295	.293	.290	.288	.286	.296
28	.299	.302	.306	.306	.304	.305	.312	.320	.324	.338	.337	.336	.344	.345	.336	.331	.327	.324	.313	.307	.307	.307	.308	.320
29	.324	.329	.332	.334	.338	.339	.343	.354	.358	.355	.358	.357	.354	.356	.355	.355	.363	.361	.364	.370	.384	.384	.384	.383
30	.386	.392	.397	.392	.386	.393	.397	.399	.391	.394	.397	.412	.424	.405	.406	.420	.415	.405	.388	.381	.383	.381	.380	.387
31																								

Meteorological Office.
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51′ N LONG 2°28′ W

HOURLY VALUES April 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	28·748	28·732	28·720	28·706	28·696	28·690	28·682	28·676	28·670	28·667	28·662	28·658	28·648	28·646	28·642	28·651	28·646	28·654	28·652	28·664	28·662	28·657	28·670	28·662	1
2	·658	·654	28·656	28·656	28·666	28·682	28·692	28·708	28·728	28·754	28·748	·764	·784	·804	·812	·834	·854	28·875	28·892	28·922	28·940	28·954	28·972	28·982	2
3	28·986	28·992	29·000	29·002	29·004	29·012	29·024	29·020	29·020	29·016	29·000	28·994	28·994	28·988	28·986	28·990	28·999	29·014	29·026	29·058	29·079	29·100	29·128	29·152	3
4	29·172	29·192	·204	·224	·246	·280	·296	·314	·332	·344	·349	29·365	29·372	29·377	29·381	29·377	29·375	·385	·377	·387	·393	·389	·392	·393	4
5	·389	·380	·381	·381	·381	·395	·409	·421	·431	·439	·450	·456	·468	·474	·490	·502	·510	·528	·548	·576	·596	·606	·620	·632	5
6	·640	·640	·644	·654	·670	·686	·692	·702	·715	·718	·718	·716	·722	·728	·730	·730	·740	·754	·762	·772	·778	·786	·794	·800	6
7	·800	·804	·802	·798	·801	·808	·808	·810	·794	·780	·773	·770	·752	·738	·716	·706	·690	·690	·692	·700	·702	·698	·698	·692	7
8	·686	·668	·658	·642	·636	·640	·632	·624	·611	·606	·595	·581	·578	·573	·567	·563	·573	·591	·611	·636	·647	·661	·665	·679	8
9	·700	·690	·679	·693	·691	·704	·697	·695	·685	·695	·694	·695	·698	·700	·706	·704	·708	·711	·702	·720	·714	·702	·710	·711	9
10	·706	·694	·688	·674	·674	·678	·681	·680	·684	·682	·675	·669	·669	·653	·635	·613	·615	·633	·661	·669	·692	·685	·677	·683	10
11	·671	·669	·657	·655	·674	·683	·705	·717	·709	·721	·713	·737	·707	·715	·711	·723	·725	·737	·757	·787	·813	·813	·811	·821	11
12	·821	·829	·813	·813	·815	·820	·820	·813	·807	·795	·780	·762	·743	·736	·714	·702	·694	·692	·686	·678	·668	·660	·662	·666	12
13	·650	·630	·612	·602	·588	·584	·576	·572	·564	·560	·556	·546	·524	·508	·496	·486	·482	·486	·490	·492	·496	·508	·512	·514	13
14	·514	·506	·506	·508	·510	·522	·534	·536	·532	·534	·532	·520	·512	·502	·484	·474	·470	·470	·480	·490	·496	·502	·502	·506	14
15	·510	·510	·502	·503	·502	·518	·526	·532	·540	·550	·547	·549	·549	·547	·539	·537	·530	·529	·524	·531	·529	·521	·515	·503	15
16	·489	·479	·457	·443	·431	·423	·415	·413	·408	·401	·401	·387	·379	·353	·337	·325	·316	·317	·311	·313	·309	·306	·303	·305	16
17	·295	·282	·271	·259	·255	·265	·269	·275	·281	·279	·273	·270	·265	·267	·267	·270	·275	·276	·287	·307	·315	·331	·331	·340	17
18	·341	·341	·341	·341	·337	·357	·361	·371	·367	·370	·372	·352	·337	·325	·309	·303	·299	·301	·299	·305	·305	·311	·305	·301	18
19	·295	·277	·261	·251	·251	·259	·261	·263	·259	·259	·251	·247	·235	·233	·221	·212	·209	·201	·201	·201	·193	·193	·189	·185	19
20	·179	·169	·153	·139	·125	·127	·123	·117	·107	·110	·108	·110	·106	·103	·094	·090	·086	·088	·089	·084	·086	·078	·080	·086	20
21	·090	·100	·108	·106	·118	·150	·170	·184	·190	·218	·232	·246	·268	·286	·290	·314	·336	·344	·370	·402	·416	·436	·452	·474	21
22	·482	·488	·490	·496	·500	·512	·524	·530	·530	·519	·512	·506	·494	·480	·464	·450	·437	·430	·438	·435	·417	·414	·403	·388	22
23	·370	·354	·342	·330	·320	·324	·314	·330	·334	·334	·341	·335	·333	·331	·317	·319	·323	·331	·333	·356	·373	·367	·363	·341	23
24	·319	·317	·305	·307	·333	·355	·355	·347	·347	·353	·351	·367	·371	·375	·371	·393	·407	·419	·441	·455	·453	·453	·461	·473	24
25	·467	·483	·485	·497	·497	·519	·534	·543	·557	·567	·595	·596	·596	·601	·609	·617	·639	·655	·677	·685	·693	·705	·709	·703	25
26	·701	·705	·703	·705	·711	·721	·731	·729	·737	·741	·733	·741	·741	·735	·725	·725	·733	·737	·757	·777	·787	·798	·807	·813	26
27	·813	·809	·809	·809	·819	·833	·837	·835	·835	·835	·827	·821	·815	·807	·797	·789	·789	·789	·791	·799	·803	·805	·807	·807	27
28	·801	·795	·790	·785	·778	·781	·785	·777	·771	·763	·752	·746	·728	·718	·706	·690	·674	·664	·664	·674	·668	·656	·654	·646	28
29	·636	·632	·626	·614	·600	·592	·584	·574	·552	·540	·522	·514	·498	·487	·454	·438	·420	·407	·408	·414	·412	·402	·390	·384	29
30	29·362	29·348	29·328	29·304	29·296	29·286	29·274	29·274	29·262	29·250	29·247	29·237	29·235	29·231	29·215	29·207	29·201	29·195	29·193	29·203	29·199	29·197	29·191	29·187	30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	32·8	33·4	33·9	32·9	32·1	32·8	35·0	37·9	38·2	39·3	39·8	40·2	40·9	41·8	40·9	38·0	38·0	38·8	38·9	37·9	38·7	38·9	38·7	38·8
2	38·8	38·2	38·5	38·7	38·3	38·9	39·0	39·8	40·0	40·9	41·8	42·9	42·2	43·9	43·8	44·0	42·9	41·4	40·3	40·0	39·9	40·1	40·4	39·8
3	39·5	39·0	37·1	37·9	36·3	36·0	37·8	39·1	38·0	39·0	42·9	45·0	42·0	43·6	43·0	39·0	39·9	40·0	38·9	38·3	37·2	38·5	37·2	35·8
4	36·1	35·9	34·7	33·8	32·1	31·2	34·0	35·0	40·8	44·6	44·2	44·2	45·1	46·8	47·0	46·5	46·4	45·2	41·2	37·0	37·2	35·8	34·0	33·1
5	32·3	33·0	32·0	31·9	32·5	33·8	33·4	37·9	40·8	43·8	45·7	46·5	45·0	48·2	44·3	43·1	47·0	45·2	41·4	38·8	37·3	37·1	34·4	35·0
6	33·9	34·1	35·8	36·5	35·4	35·1	37·0	38·4	40·2	42·8	46·0	48·0	47·1	48·7	49·2	47·7	48·0	47·5	43·2	42·0	40·0	38·8	38·0	37·9
7	37·7	37·2	36·6	35·0	34·9	35·9	35·9	37·0	41·9	48·0	49·6	50·0	51·2	51·8	52·2	52·7	51·8	48·9	45·9	43·0	41·0	40·0	39·8	38·5
8	39·1	38·6	39·1	39·1	39·1	39·2	40·5	42·8	46·3	48·6	50·4	51·1	52·9	53·7	52·2	51·6	49·3	47·0	43·8	41·9	41·0	40·2	40·0	39·9
9	39·3	39·0	38·9	37·0	38·2	37·8	40·1	42·7	45·4	46·9	48·5	48·7	47·9	45·7	44·7	43·1	44·0	42·0	41·6	40·7	40·6	40·5	40·6	40·9
10	40·9	40·9	40·2	40·9	40·9	41·0	42·0	42·9	43·1	43·9	44·2	44·1	45·4	47·7	49·0	47·8	47·0	44·7	43·8	42·8	41·8	41·7	42·1	42·8
11	43·0	43·2	43·0	43·5	44·4	44·9	45·8	46·2	49·9	52·3	53·1	54·8	57·7	58·4	58·3	58·1	56·4	55·0	51·2	48·2	45·8	45·9	45·0	44·8
12	43·3	43·5	41·7	41·0	40·5	40·1	41·9	45·0	49·6	52·0	55·2	56·1	57·9	57·8	58·2	58·4	57·2	55·9	54·3	53·6	52·2	52·1	52·4	52·0
13	51·2	50·8	49·4	48·8	48·5	48·4	49·6	51·1	53·0	53·2	53·0	52·8	53·8	52·0	51·4	51·3	51·5	51·3	50·5	50·1	49·9	49·9	49·8	50·0
14	49·8	49·5	49·0	48·8	49·1	49·8	50·8	51·9	54·0	54·1	55·4	57·1	57·8	59·1	59·8	59·2	58·8	57·0	53·2	50·9	49·1	48·0	47·4	50·0
15	50·8	50·7	49·3	49·7	50·2	50·8	51·3	52·4	53·1	54·0	55·4	57·1	57·2	55·2	55·3	56·0	57·0	54·3	51·9	50·0	47·9	46·9	47·9	46·7
16	45·6	46·0	47·9	47·6	47·1	47·3	48·8	50·3	50·9	51·8	52·5	53·2	54·1	54·9	54·5	55·4	54·9	53·4	52·3	51·4	51·3	51·2	49·3	48·5
17	48·0	48·0	47·5	47·4	46·7	46·9	48·1	48·7	50·5	52·2	52·9	51·2	55·0	55·1	55·0	52·9	53·1	53·1	49·3	46·8	44·8	43·5	44·0	43·9
18	43·8	43·6	43·3	43·8	43·6	43·1	43·9	43·3	44·9	45·9	51·1	54·6	56·5	58·5	59·1	59·3	56·1	51·3	49·7	50·1	50·8	49·2	48·6	47·8
19	47·2	47·8	47·5	48·0	48·8	48·7	48·7	48·8	49·6	50·2	52·8	54·5	57·0	56·3	55·7	55·8	55·9	55·6	54·5	54·0	53·0	51·0	51·8	52·1
20	52·1	52·7	52·2	51·5	50·2	49·7	49·0	49·1	50·0	50·2	50·0	50·2	52·0	51·9	51·9	51·2	50·5	50·0	49·6	48·1	47·4	47·1	46·1	45·1
21	45·9	43·2	40·5	40·3	40·0	41·2	43·0	45·0	51·2	51·7	55·5	54·4	54·9	54·0	54·2	56·2	54·8	54·5	54·0	53·0	52·8	50·5	49·8	49·5
22	49·0	48·8	48·0	47·0	46·1	46·7	49·0	49·0	51·5	51·5	56·0	53·2	53·0	51·9	51·6	52·1	52·0	50·5	49·0	48·1	46·3	45·8	45·2	45·8
23	47·7	46·8	46·2	46·0	47·1	47·9	48·0	48·1	48·1	49·0	50·0	51·6	51·0	50·0	50·3	52·5	52·9	51·2	48·5	46·0	45·6	45·0	44·8	44·0
24	43·8	44·0	44·2	43·9	44·1	45·9	47·7	48·8	52·0	55·0	56·3	56·2	57·0	57·0	57·5	55·6	52·8	49·5	47·0	44·7	43·7	42·8	42·5	42·9
25	42·3	42·3	42·9	42·3	42·1	44·2	46·5	47·9	50·0	51·2	52·0	50·5	51·1	51·8	51·9	51·1	49·3	47·9	45·0	43·4	42·1	41·3	40·9	39·1
26	38·9	38·0	37·8	36·2	36·8	38·9	42·4	43·9	45·0	46·5	48·9	49·2	49·2	52·0	52·7	53·0	53·2	51·1	47·8	43·8	41·1	39·2	38·8	38·0
27	37·7	37·1	37·0	36·3	35·9	38·4	42·0	44·2	47·9	50·5	53·4	55·1	58·0	59·0	58·1	58·1	58·0	56·4	54·0	50·2	48·3	48·0	45·0	46·0
28	43·7	43·3	41·2	37·3	37·4	37·5	38·7	42·9	49·0	55·3	58·0	59·0	60·0	61·2	59·6	59·2	58·7	56·9	55·6	53·8	51·2	50·3	48·7	48·8
29	47·4	47·8	45·3	43·9	42·9	44·0	47·0	52·6	55·7	58·1	58·2	58·9	62·1	60·1	62·6	60·9	60·0	58·9	56·8	54·5	52·8	51·4	50·2	49·1
30	49·0	48·4	47·9	46·9	45·5	46·4	45·8	47·0	47·3	48·8	49·0	49·4	49·4	49·0	49·5	49·0	49·4	48·9	48·2	48·0	48·0	48·0	48·0	48·4
31																								

* Record defective or Instrument out of action.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
30·8	31·6	32·1	31·2	31·0	32·0	32·9	34·8	35·0	36·0	36·0	36·5	36·9	37·1	36·9	35·5	35·8	35·2	36·8	36·0	36·9	36·5	36·4	36·3	1
36·8	36·9	37·0	37·1	37·0	37·2	37·8	38·1	38·7	39·1	39·5	40·0	39·8	40·6	40·4	41·0	40·0	39·0	38·0	38·2	38·3	39·0	38·6	38·2	2
38·0	37·9	36·1	36·9	35·6	35·2	36·3	38·3	37·0	38·0	40·8	41·2	40·0	40·0	39·7	37·2	37·6	38·0	37·2	37·0	36·3	37·0	36·1	35·0	3
35·2	35·0	34·0	33·0	31·3	31·0	33·9	34·7	40·1	41·8	41·0	40·4	40·2	41·0	40·8	40·6	40·0	39·6	37·8	34·8	34·9	33·0	31·9	31·0	4
30·8	31·0	30·9	30·0	30·5	31·9	31·9	35·3	37·8	38·8	40·0	40·0	39·5	42·3	40·4	40·1	41·1	40·9	39·1	37·0	36·2	35·9	33·5	34·0	5
33·0	33·4	35·0	36·0	34·9	34·8	36·1	37·8	39·0	40·0	41·8	41·9	41·8	42·8	43·0	42·9	43·9	43·0	40·2	39·0	37·1	35·9	35·9	35·9	6
36·0	35·8	35·0	33·8	33·5	34·0	34·0	35·1	38·9	42·5	42·5	42·9	42·8	41·1	42·0	43·4	43·8	42·3	41·2	40·0	38·6	37·9	37·6	36·2	7
37·1	36·6	37·1	37·0	37·0	37·0	37·9	39·0	41·0	41·0	41·9	42·9	43·2	43·0	43·5	43·2	42·0	40·0	38·3	37·8	37·5	37·9	37·3	37·0	8
36·8	36·2	36·1	35·0	35·9	35·4	37·2	39·0	40·0	39·9	41·2	41·8	42·0	40·5	40·2	39·2	40·0	38·6	38·3	38·1	38·3	38·7	38·9	39·0	9
38·9	38·9	39·1	39·2	39·7	40·0	40·5	40·3	40·2	40·0	40·0	40·0	41·2	42·8	43·1	42·0	41·9	40·7	40·4	39·9	39·8	40·0	41·1	41·7	10
41·9	42·2	42·2	42·9	43·4	43·8	44·1	44·2	46·7	47·9	48·2	49·0	49·9	50·0	50·0	50·0	50·0	48·8	46·9	45·7	43·3	44·0	42·9	41·2	11
40·1	40·2	39·1	39·0	38·9	38·7	39·8	42·2	45·8	46·9	49·0	49·0	48·9	49·0	49·0	48·8	47·6	47·8	47·5	47·9	47·2	47·7	47·8	46·9	12
46·0	43·8	43·0	42·9	43·2	44·0	45·0	45·9	47·2	47·7	48·7	49·3	50·1	49·6	49·8	49·8	49·9	49·5	48·8	48·8	48·3	48·4	48·3	48·8	13
48·1	48·1	47·9	47·9	48·0	48·3	49·0	49·8	50·0	50·1	50·9	51·7	52·0	53·0	52·4	52·2	53·0	52·0	50·0	48·4	47·2	46·2	46·0	47·8	14
48·0	48·1	47·7	47·9	48·1	48·3	49·0	49·8	50·1	51·0	51·0	51·8	51·9	51·1	51·6	51·8	51·2	49·9	48·5	47·2	45·9	45·0	46·0	45·0	15
44·0	44·5	45·6	45·3	45·1	45·4	46·4	47·8	49·1	50·8	51·6	51·9	53·0	53·0	52·9	53·5	52·3	51·5	51·1	50·7	50·8	50·9	48·0	47·8	16
47·2	47·2	47·0	47·0	45·9	45·9	46·9	47·4	48·9	50·1	49·9	48·9	51·0	50·6	51·2	50·2	50·0	49·5	46·7	45·2	43·7	43·0	43·3	43·2	17
43·1	43·1	43·1	43·1	43·0	42·9	43·2	42·9	44·0	45·1	49·4	52·0	51·5	52·0	51·1	51·4	52·0	49·0	47·9	48·5	48·9	47·4	46·9	46·0	18
45·4	45·9	45·8	45·9	45·9	45·6	46·0	46·9	48·0	49·0	50·9	51·7	53·7	53·1	52·4	52·4	52·8	52·4	52·0	51·0	50·6	49·3	49·5	49·6	19
49·9	49·9	49·7	49·1	48·8	49·0	48·8	48·9	49·4	49·8	49·4	49·8	50·9	50·6	50·0	49·8	49·2	49·0	49·0	47·2	46·3	46·1	45·0	44·1	20
45·5	43·1	40·0	40·0	39·7	41·0	42·5	44·2	48·2	48·6	49·5	49·0	49·0	49·0	48·5	49·6	49·1	49·8	49·6	49·2	49·2	48·6	48·3	48·1	21
47·9	47·2	46·6	45·9	45·0	45·2	47·1	47·0	49·0	48·9	51·9	49·5	50·0	49·9	49·9	49·8	49·6	48·8	47·5	47·0	45·4	44·8	44·7	44·9	22
46·0	45·6	45·2	45·0	46·0	46·2	46·9	47·0	47·1	47·9	48·6	49·9	49·8	49·2	49·2	50·1	49·7	48·8	45·9	43·7	43·1	43·2	42·9	42·2	23
42·0	42·2	42·7	42·2	42·8	43·9	45·2	45·5	47·2	49·6	50·1	50·4	51·5	51·1	51·7	50·2	48·1	45·9	43·8	42·2	41·0	39·9	40·1	40·1	24
39·9	40·2	40·9	40·3	40·2	41·2	42·9	44·0	45·2	45·9	47·0	45·1	45·2	45·0	45·8	44·6	43·7	42·3	40·2	39·1	38·0	38·0	38·0	36·6	25
36·6	35·8	35·4	34·7	34·8	36·2	39·0	40·6	40·9	42·0	43·4	44·0	44·0	45·6	45·9	46·0	46·0	45·4	43·6	40·8	38·8	37·4	37·0	36·2	26
36·0	35·7	35·2	34·9	34·6	36·5	39·0	40·9	43·9	46·0	47·8	48·6	49·0	48·0	*	47·8	48·9	49·9	48·2	46·0	44·8	43·7	41·5	42·0	27
41·0	41·5	40·0	37·0	37·0	37·2	38·2	41·9	46·3	49·8	49·0	49·0	49·7	50·2	49·7	50·0	50·2	49·3	49·0	47·9	46·9	45·2	44·0	43·5	28
43·0	42·9	41·2	40·4	39·9	40·9	43·0	46·5	47·7	49·0	49·8	50·1	52·5	51·4	53·2	52·6	51·9	51·2	49·7	47·5	46·1	45·5	44·1	43·2	29
43·5	43·3	44·0	43·6	42·9	43·6	43·2	44·5	44·9	46·2	47·0	48·0	47·9	48·0	48·1	48·0	48·5	48·0	47·7	47·2	47·2	47·3	47·3	47·9	30
																								31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51′ N. LONG: 2°28′ W. **HOURLY VALUES** April 1878.

WIND DIRECTION IN NUMBERS (8–E 24–W / 16–S 32–N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	22	7·5	22	11	22	12	24	6·5	23	7·5	22	6·5	23	15	23	20	23	27	23	28	23	30	23	31
2	23	29	23	26	23	30	23	30	23	29	23	25	23	25	23	25	23	25	23	27	23	33	24	29
3	22	12	22	12	22	10·5	21	9·5	21	8·5	21	6·5	21	7·5	19	8·5	18	8·5	19	8·5	20	10·5	21	11
4	25	4	23	4	23	3	23	3	23	3	23	3	23	3	23	3	23	4·5	21	9·5	24	14	25	16
5	24	4·5	24	4·5	24	5·5	1	6·5	1	4·5	1	5·5	1	2	1	4	1	3	1	4·5	1	4·5	26	4
6	23	3	24	2	24	3	24	2	24	2	24	2	24	2	24	3	14	4	8	4·5	8	4	23	4·5
7	2	7·5	2	6·5	2	6·5	2	7·5	2	7·5	2	5·5	2	5·5	2	6·5	2	5·5	8	11	10	19	9	19
8	4	11	5	13	5	15	6	15	6	16	6	20	8	21	7	21	9	20	9	25	8	27	8	30
9	4	9·5	5	13	6	11	1	9·5	7	19	7	9·5	7	15	6	21	7	24	7	28	7	29	6	29
10	6	18	5	17	4	16	4	17	3	16	4	16	6	15	6	15	6	18	4	17	6	21	6	22
11	6	16	5	13	3	12	4	13	6	11	6	12	5	12	6	14	5	13	7	19	6	18	5	16
12	5	6·5	6	8·5	2	8·5	4	6·5	3	4·5	2	8·5	3	9·5	2	9·5	4	8·5	4	9·5	7	12	10	16
13	9	6·5	9	7·5	10	9·5	10	4·5	10	7·5	10	10·5	10	11	9	10·5	11	15	13	15	13	21	11	20
14	‡18	10·5	18	8·5	17	6·5	20	4·5	20	4·5	20	5·5	21	7·5	18	8·5	18	8·5	18	9·5	18	13	18	13
15	20	6·5	20	9·5	20	4·5	20	4·5	20	7·5	20	7·5	19	8·5	19	10·5	19	12	21	11	21	13	20	12
16	23	3	28	4	29	3	29	4	29	4	29	4·5	29	4	29	3	29	5·5	16	5·5	15	9·5	16	12
17	24	3	24	2	24	2	24	2	24	2	24	2	24	2	24	2	24	4·5	22	7·5	21	9·5	23	6·5
18	20	2	20	1·5	20	2	20	1·5	20	1·5	20	2	20	2	20	3	20	3	20	3	20	2	16	4
19	6	6·5	6	5·5	6	4	6	4·5	6	4·5	4	4	8	5·5	8	5·5	9	5·5	10	5·5	8	7·5	8	6·5
20	5	2	8	4·5	8	3	3	2	3	4	4	4	2	4·5	3	3	5	4	15	6·5	21	9·5	21	6·5
21	24	4	24	1·5	‡28	3	29	3	‡31	4	32	5·5	1	4	*	*	*	*	4	*	10	19	9	13
22	1	6·5	1	6·5	1	7·5	2	6·5	2	6·5	2	5·5	4	6·5	4	7·5	5	8·5	4	9·5	7	11	2	9·5
23	4	17	4	15	4	16	3	7·5	4	8·5	5	13	4	17	5	13	4	13	3	14	4	12	4	15
24	3	18	3	18	2	18	2	15	5	10·5	8	9·5	5	14	5	20	2	23	4	19	5	24	5	18
25	3	18	5	16	4	14	3	11	3	11	3	10·5	3	11	4	18	4	19	4	20	5	18	3	20
26	3	6·5	3	4·5	3	5·5	3	2	3	3	3	4	3	2	2	5·5	5	11	5	9·5	5	11	6	11
27	1	9·5	1	9·5	1	9·5	2	6·5	2	3	2	3	3	3	4	4·5	5	5·5	11	7·5	5	5·5	4	4·5
28	4	6·5	3	7·5	3	6·5	3	7·5	2	8·5	2	8·5	2	8·5	2	7·5	2	6·5	3	4	17	4	17	4
29	14	3	11	4	5	4·5	3	8·5	1	7·5	2	8·5	2	6·5	5	6·5	9	12	9	16	8	16	8	18
30	7	12	7	11	7	9·5	6	10·5	4	12	6	13	4	13	6	8·5	5	13	7	12	6	7·5	6	6·5
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	23	30	23	35	23	27	23	31	23	27	23	25	23	24	24	19	23	24	22	24	23	25	23	28
2	23	27	23	32	23	27	24	28	24	26	23	25	23	20	23	18	23	16	22	17	24	15	23	13
3	24	18	22	11	23	8·5	26	14	23	11	24	7·5	24	5·5	24	7·5	24	5·5	26	14	26	8·5	27	4
4	24	17	24	13	21	11	23	9·5	22	8·5	23	4·5	24	3	24	2	24	3	24	4	24	4·5	24	4·5
5	26	9·5	22	9·5	19	5·5	17	9·5	25	11	27	8·5	25	4·5	19	5·5	22	5·5	23	4·5	23	2	23	4
6	19	3	23	2	5	4	5	15	5	3	24	4·5	25	3	25	4	25	4	29	5·5	31	4·5	1	6·5
7	10	21	9	25	9	22	9	21	8	18	9	14	8	13	8	16	7	16	7	19	6	17	5	12
8	8	29	9	28	8	28	8	30	8	25	7	24	8	22	7	21	7	22	7	22	7	24	6	16
9	8	30	7	28	6	23	5	19	5	17	6	20	6	17	3	12	4	15	4	16	6	15	5	17
10	5	16	4	14	4	16	6	20	5	18	1	12	30	15	3	17	3	14	5	14	6	17	6	16
11	8	26	8	27	7	25	6	22	6	14	6	14	5	7·5	4	11	3	11	5	11	4	10·5	6	4·5
12	8	13	7	12	9	13	11	12	14	11	13	10·5	13	5·5	12	4	11	4	9	7·5	10	9·5	11	6·5
13	11	23	13	23	14	22	15	20	16	21	16	16	18	15	17	19	15	15	16	15	17	11	21	6·5
14	18	11	17	13	16	14	18	12	22	10·5	23	4·5	23	4·5	23	4	23	2	23	2	23	4·5	20	6·5
15	21	14	23	12	23	10·5	23	10·5	23	12	23	11	23	5·5	23	2	23	3	23	3	23	1·5	23	2
16	18	8·5	17	9·5	14	8·5	13	10·5	17	11	23	5·5	20	2	20	1·5	20	4·5	21	5·5	23	9·5	24	4·5
17	23	10·5	21	12	21	11	21	6·5	25	4	23	11	25	6·5	20	4	20	5·5	20	5·5	20	2	20	1·5
18	21	5·5	15	5·5	14	10·5	14	8·5	1	7·5	2	7·5	1	8·5	4	4·5	6	5·5	6	4·5	6	5·5	6	4
19	11	9	10	12	8	8·5	9	5·5	9	4	9	4·5	8	3	‡11	4·5	12	3	10	2	11	4	9	3
20	22	4·5	22	4·5	24	2	24	1·5	24	1·5	24	1·5	24	2	‡31	3	1	1·5	1	2	1	3	26	6·5
21	9	15	10	14	8	13	8	12	9	11	8	11	9	9·5	8	8·5	9	8·5	4	5·5	2	4	2	5·5
22	6	9·5	4	11	5	8·5	6	9·5	3	11	5	13	3	12	3	12	3	12	4	14	2	14	2	15
23	4	18	3	16	4	15	4	15	6	16	5	16	4	20	3	16	4	14	2	17	2	19	2	15
24	3	19	4	19	4	17	4	19	4	18	4	17	4	14	4	12	4	20	4	19	3	22	4	19
25	3	22	4	22	4	17	5	17	4	18	5	15	3	17	2	16	2	19	2	11	4	9·5	3	6·5
26	3	9·5	4	9·5	2	7·5	5	9·5	4	8·5	3	10·5	4	8·5	3	10·5	2	9·5	2	8·5	2	9·5	2	9·5
27	10	5·5	15	7·5	18	9·5	16	9·5	17	7·5	15	3	15	3	15	2	17	2	17	3	17	4	17	4
28	16	5·5	9	5·5	19	4	19	1·5	19	4	16	4	16	2	14	1·5	14	2	14	2	14	2	14	3
29	9	18	9	22	10	18	8	18	9	16	9	15	9	14	9	14	9	14	8	12	8	12	7	12
30	7	6·5	7	8·5	5	5·5	6	4	6	4	2	6·5	2	6·5	1	7·5	2	6·5	2	5·5	2	6·5	2	6·5
31																								

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	·002	·020	·017	·002	.	.	.	.	·007	·052	·010	·002	·003	·032	·021	·002	·001	.
2	·004	·044	·030	·010	·012	·002	·002	·004	·004	.	.	.	.	.	.	·003	·001	·001	.	.	.	.	.	.
3	.	.	.	.	.	.	.	·020	·025	·002	.	.	.	.	.	·010	·002	.	.	.	.	.	·001	·001
4	.	.	.	.	·002	.	.	·002	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·020	·008	·002	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	·032	·018	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	·010	·045	.	·012	·020	·015	·022	·012	·002	·002	.	·008	·020	·065	·032	·008
17	.	.	.	.	·001	·001	.	·003	·005	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	·002	.	.	·002	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	·005	·008	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	·055	·039	·040	·058	·058	·072	·060	·030	·030	·040	·060	·090	·040	·040	·025	·003	·002	.	.
21	.	.	.	.	.	.	.	.	.	~~·013~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	·018	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	·010	·032	·024	·012	·005	·030	.	.	·003	.	.	·003	·003	·006
31																								
	·004	·044	·032	·010	·016	·061	·045	·089	·120	·114	·090	·104	·074	·107	·112	·175	·107	·045	·046	·065	·044	·072	·037	·015

*Record defective or Instrument out of action. ‡ Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·146	·155	·159	·152	·156	·170	·162	·171	·171	·178	·174	·179	·179	·178	·179	·182	·187	·169	·196	·191	·200	·191	·193	·188
2	·197	·204	·204	·204	·205	·204	·214	·211	·220	·218	·218	·216	·219	·217	·215	·222	·216	·212	·204	·211	·214	·225	·214	·213
3	·213	·216	·201	·207	·201	·197	·197	·223	·208	·218	·231	·218	·225	·209	·210	·203	·201	·207	·204	·205	·204	·204	·200	·195
4	·196	·194	·188	·178	·164	·172	·194	·198	·239	·233	·222	·211	·199	·199	·194	·196	·186	·190	·191	·179	·178	·159	·154	·146
5	·150	·147	·155	·138	·143	·156	·161	·179	·196	·185	·192	·186	·189	·210	·210	·216	·199	·210	·214	·201	·201	·197	·182	·184
6	·177	·183	·195	·206	·198	·199	·202	·220	·224	·217	·221	·204	·210	·216	·215	·225	·241	·229	·217	·207	·191	·181	·188	·189
7	·193	·194	·186	·180	·175	·176	·176	·184	·206	·215	·204	·206	·197	·167	·178	·196	·209	·206	·212	·215	·208	·205	·202	·190
8	·200	·196	·200	·198	·198	·197	·199	·199	·204	·186	·188	·198	·192	·184	·201	·200	·197	·181	·179	·188	·189	·203	·194	·190
9	·192	·185	·184	·182	·186	·182	·192	·200	·194	·181	·190	·199	·207	·201	·203	·200	·205	·200	·198	·202	·206	·215	·217	·216
10	·214	·214	·226	·220	·232	·235	·235	·222	·218	·206	·203	·204	·215	·223	·219	·208	·212	·212	·215	·215	·223	·228	·246	·251
11	·253	·257	·259	·267	·267	·272	·269	·267	·281	·282	·280	·282	·276	·272	·273	·274	·290	·276	·272	·276	·252	·266	·251	·220
12	·214	·214	·211	·215	·219	·219	·222	·237	·265	·264	·279	·273	·255	·257	·254	·249	·235	·251	·256	·269	·270	·280	·279	·264
13	·253	·216	·213	·216	·226	·240	·249	·262	·261	·269	·281	·308	·315	·325	·338	·339	·340	·332	·324	·328	·318	·320	·320	·329
14	·315	·319	·320	·322	·321	·320	·325	·331	·310	·311	·320	·319	·320	·329	·310	·316	·332	·327	·320	·310	·302	·290	·293	·304
15	·301	·304	·312	·311	·310	·308	·319	·325	·324	·334	·322	·319	·323	·325	·337	·335	·309	·306	·300	·291	·284	·276	·286	·279
16	·269	·276	·277	·275	·276	·280	·287	·301	·327	·359	·370	·366	·387	·376	·379	·385	·358	·365	·360	·360	·365	·368	·318	·324
17	·314	·314	·316	·315	·300	·297	·306	·311	·327	·335	·321	·318	·325	·315	·330	·328	·321	·310	·288	·282	·271	·271	·272	·271
18	·269	·272	·275	·270	·270	·274	·271	·271	·276	·290	·332	·353	·323	·313	·288	·292	·339	·319	·311	·321	·323	·305	·300	·288
19	·282	·286	·287	·283	·276	·270	·279	·298	·314	·332	·348	·347	·369	·362	·353	·352	·361	·354	·355	·334	·337	·331	·326	·324
20	·332	·324	·325	·320	·327	·338	·343	·344	·345	·353	·345	·353	·358	·352	·336	·340	·334	·334	·340	·311	·300	·300	·286	·276
21	·300	·277	·241	·243	·241	·255	·266	·280	·302	·305	·288	·285	·281	·288	·276	·285	·284	·302	·301	·304	·306	·319	·319	·319
22	·320	·305	·299	·296	·286	·284	·300	·298	·317	·315	·338	·309	·322	·334	·338	·329	·325	·324	·310	·308	·293	·285	·290	·287
23	·289	·291	·290	·287	·297	·291	·307	·308	·311	·320	·324	·338	·343	·339	·336	·332	·318	·315	·279	·259	·250	·257	·253	·248
24	·246	·248	·257	·249	·260	·264	·271	·268	·270	·293	·293	·302	·316	·306	·316	·302	·281	·269	·249	·240	·227	·215	·222	·218
25	·220	·226	·233	·228	·228	·226	·237	·244	·249	·251	·266	·243	·239	·229	·243	·228	·227	·212	·200	·195	·189	·195	·198	·191
26	·193	·187	·182	·186	·181	·186	·203	·217	·212	·219	·225	·233	·233	·238	·238	·238	·236	·243	·237	·222	·216	·205	·201	·194
27	·193	·194	·186	·188	·187	·195	·207	·220	·242	·260	·269	·271	·256	·230	*	·234	·254	·288	·271	·263	·257	·239	·224	·225
28	·227	·242	·233	·216	·215	·218	·225	·254	·285	·296	·256	·248	·254	·253	·257	·265	·273	·270	·276	·267	·272	·246	·237	·228
29	·229	·224	·216	·214	·214	·222	·233	·251	·248	·255	·269	·270	·290	·285	·300	·303	·297	·292	·277	·255	·242	·242	·226	·220
30	·226	·227	·244	·246	·247	·252	·250	·264	·269	·282	·298	·314	·315	·322	·319	·322	·339	·323	·325	·314	·314	·317	·317	·327
31																								

Meteorological Office.
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28′ N LONG 0°19′ W

HOURLY VALUES April 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·142	29·125	29·114	29·102	29·101	29·106	29·113	29·118	29·129	29·140	29·144	29·148	29·152
2	·218	·212	·212	·206	·214	·223	·230	·242	·254	·264	·270	·279	·284
3	·506	·513	·514	·522	·523	·528	·523	·516	·510	·501	·478	·456	·429
4	·580	·600	·612	·633	·651	·680	·705	·727	·745	·760	·765	·773	·778
5	29·797	29·788	29·789	29·791	29·789	29·793	29·798	29·805	29·810	29·821	29·826	29·828	29·832
6	30·012	30·017	30·027	30·038	30·050	30·069	30·082	30·100	30·100	30·106	30·102	30·101	30·100
7	30·175	30·176	30·174	30·171	30·176	30·187	30·194	30·183	30·175	30·156	30·150	30·130	30·117
8	29·988	29·972	29·958	29·947	29·950	29·951	29·954	29·947	29·936	29·922	29·921	29·917	29·911
9	·935	·936	·927	·927	·928	·934	·940	·936	·942	·946	·945	·930	·937
10	·920	·911	·900	·895	·896	·901	·901	·887	·878	·885	·887	·884	29·869
11	29·849	29·852	29·861	29·867	29·874	29·902	29·914	29·930	29·947	29·964	29·977	29·996	30·003
12	30·093	30·090	30·101	30·109	30·118	30·127	30·139	30·135	30·135	30·136	30·126	30·124	·123
13	30·064	30·054	30·033	30·017	30·011	30·018	30·017	30·013	30·013	30·008	30·002	30·001	30·006
14	29·982	29·971	29·968	29·961	29·962	29·970	29·974	29·979	29·978	29·975	29·975	29·956	29·961
15	·979	·980	·982	·983	·987	30·002	30·011	30·016	30·017	30·017	30·009	30·003	30·002
16	·914	·892	·880	·866	·853	29·847	29·841	29·831	29·822	29·823	29·813	29·798	29·782
17	·718	·711	·707	·702	·702	·708	·709	·713	·717	·716	·702	·693	·689
18	·698	·693	·692	·699	·712	·730	·744	·749	·768	·764	·763	·758	·747
19	·712	·696	·678	·659	·652	·648	·647	·645	·648	·656	·659	·651	·643
20	·585	·568	·553	·534	·519	·517	·514	·505	·489	·483	·483	·470	·469
21	·528	·525	·531	·535	·546	·566	·573	·588	·599	·617	·630	·642	·654
22	·805	·806	·812	·809	·810	·818	·832	·839	·840	·843	·831	·815	·804
23	·657	·645	·634	·620	·616	·620	·617	·611	·597	·593	·587	†·580	·562
24	·494	·499	·506	·508	·503	·517	·525	·532	·539	·554	·569	·570	·577
25	·638	·634	·646	·655	·678	·690	·707	·722	29·739	29·744	29·765	29·755	29·762
26	29·952	29·954	29·959	29·960	29·964	29·977	29·990	29·996	30·006	30·009	30·013	30·012	30·013
27	30·128	30·129	30·132	30·135	30·141	30·154	30·160	30·163	·171	·176	·174	·168	·167
28	·185	·186	30·178	30·175	30·169	30·177	30·182	30·182	30·174	30·163	30·151	30·136	30·126
29	30·010	30·004	29·991	29·953	29·948	29·948	29·940	29·923	29·915	29·896	29·879	29·861	29·847
30	29·680	29·662	29·651	29·630	29·627	29·622	29·621	29·618	29·614	29·615	29·617	29·612	29·609
31													

DAYS	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·146	29·146	29·151	29·152	29·171	29·189	29·207	29·216	29·216	29·221	29·219	1
2	·290	·297	·317	·337	·362	·381	·418	·439	·460	·468	·493	2
3	·410	·403	·399	·407	·414	·454	·484	·506	·524	·546	·567	3
4	·775	·774	·776	·775	·779	*	†·799	·801	·803	29·802	29·803	4
5	29·860	29·861	29·870	29·890	29·904	29·928	29·958	29·974	29·996	30·006	30·010	5
6	30·094	30·096	30·101	30·110	30·117	30·133	30·144	30·157	30·170	·172	·177	6
7	30·100	30·081	30·066	30·061	30·060	30·048	30·040	30·021	30·014	30·013	30·003	7
8	29·896	29·892	29·887	29·891	29·904	29·912	29·914	29·922	29·926	29·928	29·930	8
9	·938	·932	·932	·929	·931	·932	·939	·940	·937	·936	·935	9
10	·862	·846	29·841	29·844	29·850	29·852	29·860	29·862	29·858	29·854	29·846	10
11	29·997	29·997	30·011	30·018	30·034	30·040	30·065	30·067	30·089	30·103	30·102	11
12	30·107	30·093	30·089	30·084	30·085	30·087	30·094	30·087	30·075	30·067	30·072	12
13	30·001	29·999	29·993	29·991	29·986	29·984	29·989	29·997	29·992	29·996	29·988	13
14	29·949	·940	·931	·931	·934	·949	·957	·961	·969	·974	·975	14
15	·997	·985	·967	·964	·954	·955	·957	·953	·944	·941	·931	15
16	·767	·748	·740	·730	·727	·726	·732	·738	·735	·733	·725	16
17	·678	·684	·677	·675	·677	·682	·689	·688	·691	·696	·699	17
18	·733	·718	·711	·712	·713	·718	·727	·727	·727	·723	·717	18
19	·643	·638	·641	·637	·636	·631	·634	·626	·613	·601	·599	19
20	·465	·452	·457	·464	·472	·480	·493	·494	·501	·516	·528	20
21	·658	·666	·684	·695	·713	·732	·755	·769	·784	·792	·808	21
22	·789	·768	·749	·741	·728	·727	·724	·722	·704	·693	·672	22
23	·548	·542	·529	·510	·510	- - -	*	- - -	†·501	·498	·496	23
24	·565	·562	·573	·577	·586	·597	·615	·619	·626	·634	·641	24
25	29·770	29·781	29·798	29·822	29·848	29·876	29·909	29·927	29·930	29·937	29·948	25
26	30·008	30·008	30·009	30·018	30·030	30·058	30·075	30·092	30·102	30·120	30·124	26
27	·168	·163	·155	·157	·159	·167	·178	·196	·192	·192	·193	27
28	30·116	30·121	30·081	30·070	30·056	30·058	30·070	30·058	30·049	30·042	30·018	28
29	29·831	29·819	29·798	29·784	29·774	29·771	29·766	29·758	29·746	29·722	29·703	29
30	29·608	29·580	29·593	29·590	29·595	29·607	29·611	29·605	29·610	29·608	29·595	30
31												31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	330	330	325	311	300	290	303	330	368	390	410	427	445	440	445	427	454	436	403	380	374	368	360	359
2	351	353	350	339	338	340	359	390	424	440	464	460	480	490	476	457	450	434	415	405	400	393	392	
3	385	377	370	369	360	360	368	415	437	430	423	430	435	429	432	430	436	434	401	387	375	370	369	366
4	356	346	340	344	334	332	350	376	410	436	453	461	477	497	505	507	500	499	465	446	430	418	413	417
5	413	410	402	396	385	371	386	424	424	440	450	437	469	453	450	473	472	464	426	410	396	374	360	353
6	334	330	314	310	316	311	319	324	356	410	469	494	522	528	553	550	534	500	470	440	421	416	397	390
7	383	369	352	351	347	360	375	406	443	463	480	490	500	500	495	487	470	443	435	427	421	425	421	420
8	417	410	402	400	395	402	420	450	479	493	490	489	490	500	500	501	497	481	464	451	448	445	441	437
9	429	418	413	409	406	405	423	442	462	460	494	482	484	488	455	451	441	441	450	450	450	449	449	444
10	441	440	437	434	430	428	428	450	459	470	476	470	478	485	501	507	498	482	479	474	470	476	470	467
11	461	458	458	453	452	451	451	450	451	453	464	483	470	479	510	512	510	500	498	481	475	472	459	462
12	452	448	436	415	406	404	435	462	476	509	555	573	596	591	590	576	549	519	496	427	455	445	433	
13	434	430	427	418	419	423	450	483	536	563	600	591	587	580	549	526	512	510	512	510	502	500	498	498
14	499	498	500	498	500	501	522	533	560	559	575	610	596	625	597	605	595	579	559	550	536	517	506	495
15	485	479	470	460	465	475	490	510	532	551	579	578	575	570	578	592	590	596	536	530	509	492	474	488
16	467	452	460	456	460	463	471	488	510	517	530	541	556	579	576	588	569	553	546	537	530	521	517	515
17	510	499	475	474	473	470	496	503	530	540	555	552	540	561	510	529	521	520	490	484	480	473	477	467
18	469	463	458	448	442	443	447	451	462	473	505	551	580	603	621	600	574	576	542	506	480	467	451	442
19	435	445	454	457	467	471	479	500	520	519	540	575	599	593	600	600	598	570	552	547	543	534	535	533
20	525	529	530	531	537	541	543	539	530	529	531	529	520	517	527	551	556	549	536	520	492	477	468	470
21	484	480	480	476	461	468	490	521	518	543	560	561	583	587	590	595	576	551	535	502	500	498	490	488
22	490	490	485	479	477	473	497	501	511	509	527	553	563	571	577	585	567	550	525	510	502	492	480	476
23	470	466	463	466	470	470	478	490	520	526	546	531	565	563	562	560	563	557	539	532	536	530	521	519
24	511	507	510	511	509	506	510	515	526	532	541	548	561	576	587	576	566	570	545	523	509	488	470	456
25	454	450	451	453	451	452	460	472	500	533	570	585	599	590	590	580	560	531	484	459	446	437	431	424
26	435	435	437	433	428	431	441	448	461	480	493	516	542	556	571	564	567	549	511	480	451	446	442	441
27	441	440	437	420	410	408	470	495	519	539	561	580	580	595	604	587	570	521	490	483	463	452	440	
28	440	417	411	408	405	408	418	441	490	518	582	577	590	584	595	590	589	563	529	492	478	471	461	461
29	458	459	460	458	462	474	500	517	545	567	604	619	626	617	590	585	570	555	533	521	513	510	501	500
30	500	506	500	502	505	510	527	556	570	579	601	620	646	630	640	643	626	614	591	570	570	560	551	547
31																								

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	320	...	*	...	290	279	289	305	*	349	353	366	388	379	380	379	375	371	366	357	350	345	340	337
2	332	333	331	329	327	328	339	358	376	383	397	395	406	409	418	415	409	401	392	380	376	377	370	371
3	367	362	360	359	360	351	376	398	411	418	430	417	420	413	420	420	423	412	383	376	368	363	360	355
4	347	340	337	340	330	330	341	361	389	400	402	408	424	436	440	428	430	430	413	410	402	397	397	400
5	400	398	390	385	378	367	372	399	402	419	412	405	429	420	410	419	416	412	400	390	371	365	355	350
6	338	323	309	310	310	...	*	*	...	396	432	451	453	460	475	467	456	447	433	419	401	389	376	360
7	352	343	338	342	343	356	369	389	400	410	415	423	445	446	449	430	426	409	405	400	399	400	395	394
8	390	382	379	376	371	371	383	400	414	426	428	430	431	437	443	432	428	418	410	404	401	400	397	393
9	390	389	388	380	380	380	391	402	419	410	426	420	420	434	421	420	417	416	418	415	415	416	419	420
10	419	414	412	410	409	408	406	420	420	422	430	424	430	429	440	446	447	446	446	444	447	452	452	452
11	450	440	443	442	441	442	441	441	441	445	460	450	456	463	485	483	479	472	470	460	456	451	440	438
12	434	436	424	407	400	399	420	440	450	478	507	504	516	508	509	504	492	485	474	457	442	431	428	421
13	423	420	418	416	412	419	440	463	483	493	510	500	488	488	489	480	486	480	478	472	473	471	472	473
14	480	482	490	487	489	480	504	511	532	527	533	551	536	552	526	539	515	518	513	516	501	487	480	474
15	471	467	460	452	458	466	477	491	510	520	536	528	530	527	520	535	530	528	511	501	488	480	462	470
16	484	448	482	448	450	456	462	476	492	497	503	510	520	533	530	530	517	525	517	510	509	504	500	500
17	488	480	463	463	464	462	480	481	491	492	500	510	500	510	494	504	505	491	476	473	450	468	467	460
18	463	467	442	440	439	439	438	448	456	460	483	512	520	529	545	547	527	523	503	468	460	450	438	431
19	426	431	440	445	446	463	471	496	511	507	520	534	542	535	535	542	540	537	530	528	525	524	526	521
20	516	518	520	520	526	531	533	530	520	518	521	514	509	500	500	509	510	508	501	500	480	471	460	470
21	477	467	466	461	451	456	470	490	490	516	520	520	528	529	524	527	510	494	490	477	478	478	470	478
22	480	481	471	466	463	465	480	488	492	494	505	523	513	514	524	529	520	510	500	490	488	484	473	470
23	461	460	460	460	460	460	467	471	490	488	500	495	520	516	520	516	527	527	502	501	506	501	498	495
24	490	487	491	499	500	497	500	505	515	516	527	529	535	544	540	530	527	521	508	497	483	465	450	440
25	440	436	439	440	436	439	444	455	470	494	520	528	541	528	522	520	506	484	450	431	422	413	410	406
26	410	410	410	409	402	409	414	420	431	449	454	470	489	498	501	490	494	488	464	449	430	429	423	422
27	421	420	418	406	400	403	427	440	459	470	489	497	501	499	502	507	501	479	477	433	445	425	428	427
28	430	413	410	404	403	402	410	429	458	477	501	506	501	496	510	506	507	478	459	460	450	449	444	445
29	440	441	442	440	445	456	472	481	500	514	543	546	551	542	536	530	520	512	507	502	500	496	492	492
30	497	497	500	500	502	509	522	545	558	559	570	579	596	581	590	589	578	571	566	550	551	545	540	538
31																								

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28'N. LONG: 0°19'W.

HOURLY VALUES April 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	31	4	31	4	31	4.5	31	4.5	31	4.5	31	4.5	31	4.5	26	10.5	27	13	26	16	26	17	25	19	24	23	23	17	24	16	27	16	24	18	25	15	21	13	23	9.5	21	10.5	21	12	21	11	21	13	1
2	21	9.5	22	10.5	21	11	21	9.5	21	11	20	10.5	20	13	22	18	24	23	23	19	23	30	23	23	24	24	24	22	24	21	23	23	23	21	23	14	23	14	22	10.5	22	12	22	11	21	11	22	10.5	2
3	21	13	21	9.5	21	7.5	20	7.5	20	5.5	20	4	20	5.5	18	10.5	18	15	18	9.5	18	11	17	11	17	9	17	7.5	18	7.5	20	9.5	22	12	23	14	26	8.5	24	7.5	23	7.5	21	6.5	21	8.5	21	8.5	3
4	21	7.5	21	6.5	21	6.5	21	4	21	4	21	3	21	4	21	6.5	22	4	23	4	22	4.5	22	7.5	22	6.5	23	7.5	25	5.5	25	5.5	25	4	25	3	17	7.5	18	7.5	18	5.5	18	4.5	18	2	4
5	18	4	18	5.5	18	4	18	5.5	18	4.5	18	4	18	5.5	23	8.5	20	10.5	20	7.5	24	8.5	28	5.5	19	16	21	4.5	31	10.5	32	9.5	28	9.5	26	5.5	26	2	26	2	26	3	26	2	26	2	5
6	26	2	26	1.5	26	2	26	2	26	1.5	26	2	26	2	26	3	26	1.5	26	2	16	5.5	16	4	16	7	18	7.5	16	8.5	18	5.5	9	10.5	9	12	9	7.5	9	8.5	9	7.5	9	5.5	9	6.5	9	8.5	6
7	9	7.5	9	9.5	9	7.5	9	9.5	8	10.5	8	11	8	16	8	18	7	28	8	27	8	30	7	30	8	25	7	25	7	27	7	27	7	28	8	31	8	25	8	25	8	27	8	25	7	19	8	22	7
8	8	17	8	15	8	19	8	24	8	18	8	21	8	24	8	25	8	29	8	31	7	43	7	35	7	0	6	38	7	37	7	40	7	36	8	34	7	30	6	27	8	31	8	30	8	28	8	24	8
9	8	23	8	18	7	21	7	23	7	25	7	20	7	26	7	28	7	32	7	25	7	30	6	29	5	31	7	33	6	30	6	20	5	31	5	27	6	30	6	27	6	25	6	21	7	27	7	26	9
10	—	28	6	25	6	29	7	25	7	27	7	27	7	26	7	32	7	35	7	32	7	37	7	27	7	30	7	36	7	33	7	28	7	18	7	21	7	25	7	22	7	17	6	18	6	17	7	20	10
11	6	23	6	24	6	16	6	18	6	22	6	18	6	14	6	15	6	17	7	12	5	12	5	11	6	13	6	20	8	18	8	11	7	9.5	4	6.5	3	7.5	3	4.5	3	8.5	4	6.5	4	6.5	4	6.5	11
12	4	13	6	9.5	6	4.5	6	5.5	6	4	6	3	6	5.5	6	5.5	6	5.5	6	7.5	9	13	8	15	8	12	7	20	8	18	8	18	8	15	8	12	6	6.5	8	10.5	8	8.5	8	11	8	11	8	5.5	12
13	8	2	8	5.5	8	5.5	8	7.5	8	5.5	8	7.5	8	8.5	8	7.5	16	12	16	13	16	20	16	22	17	22	17	23	17	16	17	15	17	8.5	15	8.5	15	9.5	16	12	16	6.5	16	6.5	16	5.5	16	6.5	13
14	16	5.5	16	5.5	17	4	17	6.5	17	5.5	17	4.5	17	7.5	17	7.5	17	7.5	18	9.5	17	13	15	15	17	13	16	18	18	16	17	14	18	15	20	10.5	20	4	20	4.5	20	5.5	20	6.5	20	4.5	20	8.5	14
15	20	4.5	20	4.5	20	5.5	20	4.5	20	4.5	20	4.5	20	4.5	20	4.5	22	8.5	19	9.5	19	7.5	20	11	18	13	18	14	18	15	18	13	19	12	20	7.5	19	6.5	19	4	19	4	19	3	19	3	19	4	15
16	19	1.5	19	3	19	2	19	1.5	19	2	19	1.5	19	2	19	2	19	2	19	2	19	3	19	2	19	4	19	4	22	4.5	22	5.5	22	5.5	22	3	22	5.5	20	8.5	20	8.5	20	8.5	20	7.5	20	6.5	16
17	21	6.5	22	7.5	22	7.5	20	7.5	20	4	20	6.5	20	9.5	20	10.5	22	12	22	11	20	8.5	22	6.5	25	7	18	10.5	21	5.5	17	7.5	20	5.5	22	6.5	30	5.5	22	5.5	20	5.5	20	4	20	4	20	4.5	17
18	20	4	20	4	20	4.5	20	4.5	20	4	20	4.5	20	3	20	4	20	4.5	20	4	20	4	24	3	24	3	20	4.5	17	8.5	17	9.5	17	14	17	11	17	9.5	17	10.5	18	7.5	18	4	18	3	18	2	18	4	18
19	18	6.5	10	5.5	10	7.5	10	8.5	10	8.5	10	11	10	7.5	14	8.5	16	8.5	21	10.5	20	9.5	20	10.5	19	20	19	20	19	18	20	19	18	16	13	16	12	16	9.5	16	6.5	13	9.5	13	6.5	13	6.5	15	9.5	19
20	16	4	16	6.5	13	6.5	13	7.5	13	9.5	14	7.5	15	7.5	16	6.5	16	4.5	22	7.5	25	7.5	25	7.5	24	9	24	11	25	9.5	22	11	23	6.5	23	3	19	5.5	19	5.5	19	4.5	19	4	19	6.5	17	4.5	20
21	17	6.5	16	11	18	6.5	18	6.5	18	5.5	13	10.5	14	15	14	20	15	22	16	17	16	19	16	20	16	22	15	18	15	18	15	17	15	13	15	10.5	16	12	16	6.5	16	4	16	3	16	3	16	4	21
22	18	3	9	5.5	7	6.5	7	4.5	7	2	7	3	7	4	7	4.5	7	5.5	7	6.5	7	11	7	13	8	11	10	12	10	12	9	12	9	14	9	12	9	8.5	9	10.5	9	9.5	9	9.5	9	11	9	9.5	22
23	9	12	7	15	7	14	7	16	7	14	7	13	7	14	7	16	6	16	7	22	7	28	7	23	6	21	6	22	7	18	4	13	5	14	6	14	5	10.5	5	11	6	14	6	17	7	12	7	9.5	23
24	6	10.5	5	14	6	13	6	7.5	6	6.5	6	10.5	6	10.5	6	10.5	6	9.5	6	7.5	6	7.5	4	10.5	4	10.5	4	13	4	18	4	17	4	15	3	12	2	11	2	11	1	13	2	11	2	10.5	24
25	3	14	2	13	2	12	2	14	1	13	2	12	2	17	2	19	2	17	2	21	32	25	32	27	32	27	32	27	32	25	32	26	32	23	32	21	32	20	32	16	1	12	1	17	32	14	32	14	25
26	32	1.5	32	1.4	32	1.4	32	1.2	32	1.6	32	1.3	32	1.7	32	1.8	2	1.7	32	1.8	32	1.7	32	1.7	32	1.7	32	1.7	32	1.5	32	1.5	32	1.5	32	1.3	2	9.5	2	7.5	2	10.5	2	8.5	2	1.2	2	1.2	26
27	2	1.3	2	9.5	2	7.5	2	5.5	2	2	2	4	2	10.5	3	10.5	2	9.5	2	11	3	10.5	3	9.5	1	9	4	7.5	2	4	1	5.5	7	7.5	7	7.5	7	13	7	12	10	7.5	7	9.5	7	6.5	7	8.5	27
28	7	7.5	7	9.5	7	8.5	7	10.5	7	7.5	7	8.5	7	8.5	7	6.5	8	9.5	8	9.5	8	13	8	17	8	17	8	18	8	19	7	20	8	20	8	17	9	12	9	12	9	14	9	14	8	15	8	16	28
29	8	13	8	9.5	8	13	8	10.5	8	7.5	8	9.5	8	11	8	17	8	16	8	15	7	19	8	17	8	17	8	18	8	16	7	18	7	17	7	12	7	13	7	9.5	7	12	7	11	7	10.5	7	13	29
30	7	12	7	9.5	7	9.5	7	5.5	7	6.5	7	6.5	7	4	14	6.5	18	7.5	21	7.5	20	11	19	13	19	15	19	15	20	12	18	14	18	15	18	13	19	11	20	9.5	20	9.5	19	8.5	19	9.5	18	7.5	30
31																																																	31

RAINFALL — GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.015	.	.	.	.	.	.	.	.015	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.015	.015	.045	.060	.030	.010	.005	.010	.020	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.010	.005	.040	.005	.025	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.007	.043	.008	.	.042	.040	.010	.053	10
11	.140	.200	.090	.025	.003	.029	.065	.140	.115	.115	.100	.098	.070	.120	.030	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.020	.030	.010	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.015	.015	.020	.005	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.005	.	.090	.050	.	.220	.005	.195	.055	.010	.065	.010	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.030	.005	.	.010	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.005	19
20	.	.	.	.	.015	.010	.020	.120	.125	.105	.180	.050	.085	.060	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	21
22	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.005	.010	.020	.015	.025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.030	.020	.010	.020	.020	29
30	.030	.015	.010	.030	.005	.005	.030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31																									31
	115	17	5.215	1.00	1.055	1.028	1.08	1.14	1.029	1.027	1.26	1.320	1.34	1.38	1.7	1.523	1.526	1.50	1.552	1.52	1.12	1.023	1.095	1.042	1.050	1.030	1.043	
	5	3	2	2	2	2	4	3	2	5	4	4	5	6	6	6	4	4	5	5	4	3	2	2	2	2	4	

* Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.167	...	*	...	.140	.128	.134	.139	*	.163	.154	.162	.182	.171	.185	.182	.156	.162	.179	.177	.178	.176	.175	.171	1
2	.167	.168	.166	.171	.172	.172	.174	.178	.180	.177	.182	.182	.183	.187	.197	.201	.207	.199	.197	.193	.195	.202	.196	.199	2
3	.199	.198	.200	.199	.193	.195	.212	.228	.229	.251	.253	.249	.250	.241	.253	.255	.255	.234	.212	.213	.210	.206	.201	.197	3
4	.193	.189	.190	.191	.183	.186	.186	.196	.213	.209	.198	.203	.216	.222	.222	.200	.208	.209	.207	.218	.219	.222	.226	.228	4
5	.232	.231	.224	.221	.219	.213	.208	.219	.225	.242	.218	.218	.232	.231	.214	.210	.205	.207	.219	.215	.203	.206	.203	.201	5
6	.183	.173	.165	.174	.166	...	*	*	...	.227	.238	.253	.231	.240	.249	.237	.226	.239	.239	.242	.226	.209	.203	.181	6
7	.173	.180	.178	.187	.194	.203	.212	.217	.214	.204	.198	.205	.236	.237	.248	.221	.225	.219	.220	.218	.222	.220	.215	.214	7
8	.209	.201	.203	.200	.196	.191	.195	.197	.197	.206	.214	.218	.219	.221	.215	.211	.208	.202	.203	.203	.201	.201	.190	.196	8
9	.198	.206	.209	.198	.199	.202	.206	.207	.221	.207	.206	.205	.205	.227	.231	.232	.237	.235	.229	.224	.224	.226	.232	.240	9
10	.241	.237	.231	.233	.232	.232	.226	.235	.226	.218	.228	.222	.226	.219	.225	.220	.241	.253	.254	.258	.268	.272	.280	.284	10
11	.286	.287	.274	.277	.275	.279	.276	.277	.276	.284	.282	.283	.289	.293	.311	.304	.297	.291	.288	.284	.283	.275	.266	.264	11
12	.260	.255	.257	.245	.240	.240	.250	.263	.269	.295	.314	.289	.292	.282	.285	.278	.263	.271	.275	.263	.250	.251	.255	.254	12
13	.257	.255	.254	.247	.250	.261	.275	.289	.277	.277	.278	.286	.246	.252	.279	.281	.311	.299	.292	.281	.291	.288	.293	.295	13
14	.310	.316	.334	.330	.332	.331	.342	.346	.370	.359	.355	.361	.340	.347	.315	.337	.294	.304	.325	.339	.315	.307	.303	.306	14
15	.306	.303	.298	.292	.300	.306	.315	.326	.344	.348	.358	.339	.347	.344	.320	.340	.326	.322	.322	.325	.319	.320	.298	.309	15
16	.294	.292	.292	.287	.287	.297	.302	.314	.328	.332	.330	.333	.344	.351	.346	.332	.321	.359	.346	.338	.345	.345	.339	.342	16
17	.318	.310	.299	.300	.304	.303	.314	.309	.301	.292	.297	.323	.310	.316	.333	.333	.347	.313	.312	.317	.309	.314	.313	.302	17
18	.307	.300	.280	.282	.283	.282	.281	.293	.299	.294	.312	.329	.318	.316	.334	.357	.340	.329	.315	.274	.285	.279	.270	.265	18
19	.259	.263	.271	.279	.294	.306	.313	.350	.364	.354	.360	.357	.350	.339	.333	.349	.346	.389	.372	.374	.370	.380	.384	.373	19
20	.370	.370	.374	.373	.381	.390	.393	.380	.374	.370	.376	.359	.358	.342	.326	.322	.320	.321	.332	.335	.320	.316	.301	.315	20
21	.322	.302	.299	.293	.288	.291	.298	.309	.313	.347	.340	.339	.334	.332	.317	.319	.299	.288	.294	.300	.304	.307	.298	.320	21
22	.327	.325	.305	.300	.303	.307	.319	.328	.327	.334	.344	.344	.320	.308	.330	.335	.331	.325	.329	.323	.327	.330	.317	.315	22
23	.301	.300	.307	.303	.298	.298	.304	.300	.316	.297	.305	.310	.334	.327	.337	.331	.354	.361	.316	.322	.329	.325	.329	.324	23
24	.322	.319	.326	.345	.349	.346	.348	.355	.367	.366	.370	.375	.377	.379	.357	.346	.334	.329	.325	.324	.367	.289	.275	.269	24
25	.271	.264	.272	.272	.266	.271	.274	.284	.286	.302	.327	.332	.348	.321	.312	.318	.308	.285	.260	.247	.241	.233	.233	.227	25
26	.229	.229	.229	.229	.221	.231	.231	.235	.245	.261	.260	.270	.284	.294	.284	.270	.274	.271	.262	.261	.252	.256	.248	.247	26
27	.245	.244	.243	.237	.235	.232	.249	.253	.269	.267	.287	.286	.277	.275	.267	.268	.272	.242	.280	.222	.251	.232	.247	.259	27
28	.265	.256	.256	.246	.248	.241	.247	.262	.272	.283	.303	.277	.269	.255	.285	.267	.282	.242	.237	.253	.269	.272	.274	.275	28
29	.269	.268	.269	.269	.274	.284	.291	.293	.306	.317	.348	.338	.343	.331	.342	.336	.327	.326	.336	.339	.344	.338	.338	.339	29
30	.353	.353	.361	.358	.358	.371	.391	.418	.428	.419	.422	.424	.441	.417	.431	.424	.419	.411	.406	.405	.408	.405	.403	.402	30
31																									31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W — HOURLY VALUES May 1878.

BAROMETER. CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·482	29·493	29·499	29·511	29·525	29·544	29·564	29·588	29·602	29·628	29·638	29·656	29·664	29·683	29·692	29·698	29·695	29·708	29·706	29·724	29·728	29·720	29·718	29·714	1
2	·706	·695	·683	·680	·679	·698	·728	·755	·771	·792	·802	·813	·822	·840	·844	·851	·861	·869	·873	·887	·898	29·905	29·904	29·909	2
3	29·905	29·901	29·902	29·907	29·902	29·916	29·921	29·929	29·939	29·949	29·954	29·958	29·961	29·969	29·970	29·979	29·979	29·981	29·992	29·992	29·998	30·013	30·020	30·037	3
4	30·034	30·036	30·037	30·038	30·041	30·056	30·062	30·072	30·074	30·088	30·091	30·097	30·095	30·094	30·089	30·081	30·072	30·067	30·057	30·061	30·054	30·044	30·031	30·016	4
5	30·003	29·995	29·974	29·959	29·947	29·936	29·927	29·910	29·900	29·894	29·880	29·871	29·849	29·827	29·806	29·781	29·744	29·725	29·711	29·702	29·698	29·673	29·653	29·626	5
6	29·581	·544	·505	·450	·398	·391	·365	·334	·317	·321	·295	·279	·268	·253	·244	·240	·238	·237	·233	·230	·248	·311	·361	·410	6
7	·443	·472	·496	·516	·536	·562	·575	·597	·609	·627	·631	·634	·635	·645	·646	·641	·645	·648	·654	·663	·675	·679	·679	·680	7
8	·667	·665	·664	·664	·663	·666	·667	·669	·667	·670	·666	·662	·651	·634	·627	·637	·631	·603	·583	·593	·601	·612	·605	·598	8
9	·588	·576	·553	·549	·534	·523	·530	·540	·547	·562	·571	·591	·591	·604	·614	·618	·630	·644	·654	·665	·670	·672	·673	·678	9
10	·670	·656	·644	·617	·604	·589	·573	·551	·519	·507	·467	·442	·414	·394	·359	·321	·318	·321	·322	·331	·340	·345	·341	·325	10
11	·317	·298	·278	·267	·272	·272	·264	·254	·246	·240	·232	·216	·202	·186	·165	·161	·154	·155	·148	·146	·144	·149	·154	·161	11
12	·166	·168	·167	·181	·189	·208	·217	·218	·231	·230	·213	‡ ·197	·153	·100	·079	·061	·098	·139	·172	·193	·212	·226	·230	·231	12
13	·229	·227	·233	·214	·210	·211	·214	·215	·221	·235	·238	·251	·247	·251	·253	·254	·248	·242	·236	·237	·238	·234	·220	·215	13
14	·196	·174	·155	·138	·115	·098	·073	·109	·128	·153	·171	·172	·181	·190	·190	·191	·184	·176	·166	·160	·157	·152	·135	·106	14
15	·079	·052	·035	·016	·020	·032	·043	·062	·080	·109	·125	·151	·162	·186	·201	·224	·247	·280	·320	·361	·389	·424	·450	·472	15
16	·488	·502	·497	·490	·481	·467	·445	·406	·354	·312	·244	·236	·257	·263	·257	·245	·235	·239	·245	·259	·291	·312	·335	·354	16
17	·375	·389	·410	·433	·468	·515	·560	·600	·635	·661	·684	·705	·713	·722	·720	·717	·716	·706	·692	·678	·656	·629	·597	·562	17
18	·534	·523	·527	·522	·531	·549	·556	·578	·582	·585	·584	·596	·580	·582	·576	·577	·564	·557	·554	·552	·557	·550	·529	·516	18
19	·502	·499	·499	·495	·499	·495	·501	·562	·633	·693	·726	·761	·788	·815	29·840	29·865	29·872	29·887	29·897	29·908	29·912	29·921	29·907	29·914	19
20	29·900	29·899	29·891	29·875	29·869	29·876	29·882	29·888	29·914	29·933	29·946	29·961	29·978	29·995	30·007	30·019	30·028	30·037	30·048	30·051	30·061	30·067	30·069	30·064	20
21	30·060	30·048	30·045	30·036	30·029	30·030	30·028	30·036	30·038	30·037	30·037	30·037	30·030	30·044	30·040	30·037	30·037	30·036	30·037	30·038	30·034	30·035	30·031	30·021	21
22	30·005	29·987	29·974	29·955	29·938	29·921	29·906	29·896	29·882	29·855	29·818	29·788	29·750	29·700	29·637	29·597	29·545	29·488	29·442	29·406	29·398	29·392	29·373	29·351	22
23	29·331	·302	·278	·259	·268	·274	·271	·271	·270	·281	·290	·305	·320	·326	·322	·324	·323	·321	·319	·337	·358	·376	·390	·404	23
24	·410	·422	·428	·439	·449	·468	·484	·508	·516	·536	·550	·567	·570	·591	·606	·628	·641	·661	·674	·698	·718	·729	·738	·743	24
25	·743	·739	·731	·726	·727	·728	·726	·731	·730	·740	·739	·744	·746	·752	·756	·762	·763	·765	·766	·772	·780	·781	·777	·770	25
26	·765	·759	·751	·744	·739	·745	·741	·749	·751	·757	·760	·767	·760	·754	·744	·736	·727	·727	·714	·714	·715	·712	·705	·693	26
27	·679	·669	·657	·646	·642	·635	·634	·633	·644	·649	·652	·664	·671	·682	·693	·700	29·712	29·728	29·739	29·754	29·768	29·785	29·796	29·805	27
28	29·814	29·828	29·834	29·839	29·851	29·870	29·893	29·909	29·923	29·934	29·940	29·953	29·960	29·976	29·989	29·999	30·011	30·020	30·035	30·051	30·067	30·091	30·098	30·100	28
29	30·108	30·116	30·116	30·119	30·129	30·138	30·149	30·170	30·181	30·187	30·187	30·188	30·188	30·186	30·186	30·181	·183	·186	·185	·196	·203	·202	·197	·192	29
30	·190	·183	·174	·165	·161	·162	·160	·162	·156	·147	·148	·145	·133	·121	·113	·111	·110	30·110	30·103	30·104	30·106	30·106	30·105	30·099	30
31	30·092	30·087	30·078	30·072	30·067	30·069	30·070	30·065	30·055	30·045	30·048	30·048	30·046	30·043	30·038	30·020	30·010	29·997	29·994	29·991	29·997	29·995	29·998	29·999	31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	54·1	54·0	53·7	53·3	53·1	53·4	53·0	53·7	54·6	53·4	52·6	55·3	57·0	57·9	56·7	57·6	57·3	55·4	53·9	53·7	53·1	53·1	53·2	53·2
2	53·9	54·1	54·1	54·2	54·0	52·3	51·2	53·4	54·3	54·5	54·9	56·0	56·5	56·6	57·3	57·3	56·7	56·7	56·6	53·3	52·2	52·2	52·1	52·0
3	52·0	51·8	51·7	51·0	51·7	51·0	52·2	52·8	53·2	53·6	54·9	54·1	55·9	56·3	56·6	56·5	55·3	54·9	53·1	53·0	52·5	52·1	51·3	50·5
4	51·6	51·6	51·2	50·6	51·2	51·3	52·4	53·1	53·9	54·8	55·0	56·6	55·0	56·5	56·2	56·4	57·0	58·1	54·6	53·8	53·3	53·0	52·8	52·9
5	52·9	52·7	52·8	52·4	52·7	52·7	53·1	54·1	55·8	56·9	57·8	58·6	59·3	59·6	60·4	56·8	57·9	57·9	57·6	53·9	51·9	50·4	50·7	51·1
6	50·9	51·7	52·1	53·6	53·0	53·3	53·9	55·2	56·1	55·4	54·9	54·7	54·9	55·0	55·0	57·9	59·9	56·1	55·2	54·1	53·4	49·5	49·4	49·3
7	49·8	49·7	48·3	48·2	48·4	48·8	50·6	51·9	53·0	53·9	55·3	57·0	58·4	58·8	58·0	59·9	57·9	55·9	54·8	52·8	51·7	51·3	50·2	50·0
8	48·7	46·4	46·5	44·9	44·6	45·6	49·2	51·2	54·0	56·6	58·3	57·2	59·3	57·9	56·6	56·2	56·1	56·4	58·2	52·3	51·3	51·4	51·2	51·1
9	50·0	49·8	49·0	50·0	51·3	52·5	53·0	52·9	53·4	53·8	58·0	58·5	57·4	58·5	58·5	57·9	57·0	56·2	54·8	54·1	53·4	53·2	53·0	53·6
10	53·6	53·4	52·3	52·8	53·3	53·8	54·3	55·2	56·1	57·3	57·0	55·7	55·0	54·4	57·4	57·9	56·7	54·5	55·5	55·8	55·3	55·0	55·0	54·8
11	55·0	54·8	55·0	54·7	54·3	54·0	54·2	55·5	55·4	57·9	57·4	56·5	57·7	57·0	56·4	59·5	58·3	57·8	56·6	55·4	54·8	54·0	54·2	54·2
12	54·0	53·9	54·3	53·5	53·8	53·7	54·1	55·4	56·0	56·6	57·2	55·9	54·0	55·2	54·8	54·3	52·4	51·3	50·9	51·5	52·7	52·6	52·6	51·9
13	51·7	51·8	51·3	50·7	51·1	52·1	53·4	53·3	54·9	52·3	56·3	57·3	57·6	58·0	59·0	58·2	59·3	57·1	55·6	54·9	54·5	54·0	54·0	53·9
14	53·8	51·6	52·2	52·4	52·9	52·7	51·8	53·0	54·7	54·9	56·1	54·2	56·3	57·2	57·2	57·3	56·3	55·6	54·6	53·9	53·3	53·1	52·9	52·9
15	52·8	51·7	51·5	51·0	50·6	50·5	51·6	52·9	54·2	54·8	55·0	53·0	56·1	56·3	55·8	56·0	56·9	56·3	52·6	51·8	51·2	50·7	49·8	48·3
16	48·2	47·4	47·9	47·9	48·9	50·4	51·5	51·5	54·6	52·4	53·1	56·4	57·7	57·6	57·9	57·3	58·0	56·4	55·0	54·9	54·9	54·5	54·6	54·5
17	54·1	54·1	54·3	54·1	53·9	53·7	53·1	54·3	55·0	56·2	57·9	57·7	58·7	59·0	60·3	50·0	58·2	58·2	56·1	55·6	55·5	54·7	54·7	55·0
18	55·2	54·9	53·4	54·2	53·3	53·4	53·4	54·2	54·6	54·6	56·3	52·7	56·6	56·4	56·4	53·8	55·5	55·5	53·3	52·9	52·8	53·1	52·7	52·9
19	51·9	52·3	52·4	52·8	52·6	52·9	52·2	52·7	54·2	55·9	56·1	56·2	57·2	57·2	54·7	54·1	54·2	54·0	52·3	50·8	51·2	49·5	50·7	49·5
20	49·7	48·3	48·1	48·1	48·6	48·4	48·0	50·0	50·8	51·6	52·2	51·7	52·4	52·4	52·6	51·4	50·9	50·7	50·1	48·8	47·7	47·1	48·0	48·5
21	46·7	47·9	47·4	47·9	47·7	49·1	49·7	50·4	50·9	52·9	52·0	54·2	54·6	54·2	54·0	54·9	52·7	53·0	49·3	49·9	49·4	49·7	49·0	48·4
22	49·3	48·7	48·6	48·4	48·2	49·7	51·1	53·2	54·2	54·0	53·7	52·7	52·1	53·1	52·7	52·0	51·4	51·4	53·1	54·4	54·0	52·7	52·3	51·9
23	51·5	52·1	51·0	50·4	50·4	51·2	51·8	52·3	52·6	52·6	53·0	53·4	53·4	53·4	54·4	51·5	51·9	51·4	50·7	49·8	49·8	49·8	49·4	49·5
24	49·0	49·1	49·2	49·8	49·6	49·8	48·7	50·5	51·5	52·1	53·0	53·4	53·7	54·9	54·5	54·5	53·9	53·8	52·0	51·2	50·4	50·1	49·3	49·4
25	48·8	48·2	49·0	47·8	47·9	49·8	51·2	52·6	53·3	53·7	53·3	54·2	52·3	53·6	54·6	53·2	53·7	52·0	52·1	50·6	50·7	50·8	50·2	50·1
26	49·7	49·3	47·6	48·3	48·3	48·6	50·7	51·4	52·2	53·9	54·2	54·4	54·7	54·0	54·5	53·6	54·1	51·0	50·7	50·0	49·4	48·6	48·0	45·3
27	46·7	47·3	46·9	44·7	46·5	45·7	48·1	47·8	47·6	47·6	49·3	49·0	48·3	48·3	48·0	47·8	49·0	49·0	50·4	51·2	50·2	49·8	49·9	49·8
28	48·6	49·2	47·5	47·0	47·3	48·2	50·0	52·1	53·0	53·9	54·8	55·8	56·5	55·4	56·6	56·8	56·8	56·4	55·3	53·4	51·6	50·9	50·7	50·6
29	50·0	47·7	48·1	48·7	48·2	49·6	51·4	53·0	54·0	54·5	57·4	58·4	59·2	59·6	59·0	59·7	59·9	60·0	58·9	56·3	53·0	51·8	49·7	50·0
30	50·4	50·4	50·3	48·7	48·6	49·3	52·2	55·4	58·0	59·5	61·2	63·0	62·5	63·2	63·3	62·3	62·2	61·9	61·0	57·7	54·0	52·1	51·9	50·7
31	49·6	49·4	47·8	47·7	46·7	48·3	50·4	53·3	55·9	57·8	58·3	58·6	58·1	58·2	57·6	57·8	58·0	59·9	57·9	55·6	53·3	51·4	50·1	51·6

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
53·5	55·5	53·2	52·9	52·9	53·1	52·7	53·4	54·0	52·7	51·8	53·2	52·9	54·3	53·4	53·6	53·5	52·4	51·3	51·8	51·0	51·1	51·6	52·0	1
52·6	53·1	53·1	53·3	53·4	51·4	50·0	52·0	51·9	51·7	51·5	51·0	51·5	50·7	51·9	51·3	51·1	51·1	52·0	48·7	49·3	49·5	50·0	49·6	2
49·2	49·0	49·0	48·3	48·6	47·8	48·2	49·1	48·6	49·0	50·0	50·8	51·4	51·5	51·4	51·3	50·2	50·1	49·9	49·9	50·4	49·3	47·9	45·9	3
48·7	48·1	47·8	47·8	47·4	47·0	47·9	49·1	49·4	50·6	51·4	52·1	51·3	52·1	52·0	51·7	52·1	53·1	50·7	50·4	49·9	49·5	49·5	50·1	4
50·0	48·9	48·9	48·6	48·5	48·5	49·4	50·0	51·4	52·7	53·4	53·8	54·4	53·9	54·4	52·2	53·0	53·3	52·4	50·4	49·1	47·9	47·7	48·3	5
48·2	48·2	48·0	48·8	50·5	50·4	51·6	52·9	54·0	53·9	53·6	53·9	54·2	54·3	54·3	55·3	55·9	53·7	53·7	53·0	51·6	48·0	46·6	45·9	6
46·0	45·9	45·6	45·3	45·8	45·4	47·0	48·1	48·7	49·4	50·1	50·7	51·9	51·2	51·0	52·3	50·5	49·9	49·6	48·5	47·3	47·1	46·6	46·0	7
45·7	44·0	44·1	42·2	42·6	43·6	45·6	46·7	48·0	50·3	51·5	49·6	51·0	50·4	49·1	51·9	53·0	51·9	51·7	49·7	48·0	45·7	44·9	45·9	8
45·9	46·7	46·8	46·9	47·8	48·8	49·1	49·2	50·3	50·3	52·1	52·7	54·0	54·7	53·4	52·6	52·6	53·0	53·0	52·4	51·6	51·1	50·9	50·8	9
50·6	50·8	50·5	50·2	50·6	50·9	51·0	51·1	51·8	51·7	51·6	51·4	52·5	52·4	54·5	55·1	54·6	53·1	53·9	53·4	53·3	53·3	53·1	52·9	10
52·9	52·9	52·7	52·5	52·3	51·8	51·5	52·4	52·6	54·3	54·0	54·0	54·9	53·9	54·4	56·1	54·9	54·6	54·0	53·1	52·6	52·7	52·9	52·7	11
52·1	52·3	52·6	51·9	52·0	51·6	52·2	52·9	*	53·7	53·8	53·5	52·2	53·0	53·3	53·2	50·6	50·0	49·9	50·0	51·2	51·1	51·2	50·6	12
50·2	50·1	49·9	49·6	50·0	50·9	51·7	52·0	52·8	50·7	54·3	54·7	54·7	55·1	55·8	55·2	55·5	54·4	53·3	52·8	52·1	51·9	52·1	51·6	13
51·7	49·9	50·7	50·9	51·2	51·1	50·2	51·4	52·1	52·7	52·8	51·9	53·4	53·9	54·4	54·0	53·3	53·2	52·5	51·8	51·3	51·2	50·9	50·9	14
51·1	50·8	50·8	50·5	50·2	50·1	50·9	51·1	52·3	52·4	52·4	51·8	53·5	53·1	52·6	53·6	52·9	53·0	50·7	49·7	48·1	47·0	46·3	44·4	15
44·6	44·1	45·3	45·5	46·4	48·0	49·2	50·0	52·0	51·3	52·6	54·7	55·0	54·8	54·7	54·1	54·4	53·3	52·9	52·3	52·2	52·0	51·6	51·6	16
52·0	52·1	52·2	51·4	51·6	51·6	51·0	52·3	52·6	53·6	55·0	54·6	55·4	55·5	56·5	55·8	55·6	55·5	54·3	53·4	53·2	53·8	54·1	54·7	17
54·7	54·2	52·1	52·1	51·4	51·3	50·9	51·0	50·6	51·5	52·3	50·8	53·1	52·5	51·8	50·3	51·5	51·5	50·9	50·0	50·1	49·9	50·3	50·1	18
50·0	50·3	50·4	50·5	50·1	50·3	50·0	50·0	51·4	52·5	53·0	53·0	53·5	53·9	53·0	51·4	51·5	51·5	50·9	49·6	50·1	48·7	49·3	48·8	19
48·2	47·3	46·8	46·9	47·0	46·9	46·7	48·0	47·9	46·7	46·6	46·9	47·0	46·7	46·8	46·2	45·4	43·9	44·0	43·2	42·4	42·6	43·7	44·1	20
43·6	44·0	44·7	43·8	44·7	45·1	46·0	46·8	47·0	47·5	46·5	49·4	49·2	49·0	49·8	50·0	49·2	48·9	48·0	46·9	47·1	46·7	46·2	46·2	21
47·3	47·1	46·4	45·8	45·5	46·0	46·7	48·4	50·0	49·7	50·1	51·0	50·1	51·3	51·4	51·4	51·0	51·1	52·9	54·2	53·9	52·4	50·7	50·9	22
51·1	51·4	50·5	49·9	50·0	50·9	51·1	51·2	51·6	51·2	51·0	51·4	51·0	50·9	51·4	50·2	50·2	49·8	49·7	49·1	48·4	48·2	47·9	47·3	23
46·9	47·0	46·7	46·8	46·2	46·2	46·9	46·2	47·3	47·3	48·6	49·0	49·0	50·0	50·0	49·3	49·5	48·9	47·2	46·8	46·2	46·2	45·4	45·7	24
45·0	45·1	45·6	46·0	46·1	47·1	48·3	49·4	51·0	51·2	50·3	51·0	51·4	51·4	51·5	50·9	50·6	49·9	49·9	49·0	48·5	48·3	48·3	48·2	25
47·8	47·2	45·7	46·3	46·3	46·6	48·0	48·4	49·0	50·1	50·0	49·7	50·4	50·0	49·0	49·9	49·1	48·9	47·9	47·6	46·0	45·3	45·0	43·6	26
44·8	44·8	44·5	43·0	43·9	44·0	46·9	45·8	46·0	45·0	45·7	45·6	46·0	45·8	46·9	46·0	47·0	47·2	48·0	47·4	47·2	47·2	47·3	47·0	27
45·9	46·6	45·0	45·0	45·0	45·0	46·3	47·9	48·5	49·0	49·3	49·9	50·9	50·3	51·6	50·9	51·9	51·0	50·9	49·7	48·6	48·6	48·5	48·9	28
48·0	46·2	45·7	46·8	46·6	47·6	48·9	49·0	49·8	49·7	50·9	51·6	53·1	53·0	53·6	53·2	53·0	53·3	53·1	51·4	50·0	49·1	47·4	47·4	29
47·9	47·9	47·6	46·8	46·7	47·3	49·5	51·8	53·1	53·6	52·9	55·3	55·4	56·4	57·0	55·3	55·9	55·2	55·1	52·6	50·2	49·2	49·6	48·9	30
47·2	47·3	46·0	46·0	44·9	47·1	48·0	50·6	52·7	53·1	53·6	53·3	53·1	52·7	53·3	52·6	53·0	53·9	52·7	51·3	49·7	48·4	48·2	48·6	31

* Record defective or Instrument out of action

‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55' N. LONG: 10°18' W. HOURLY VALUES May 1878.

WIND DIRECTION IN NUMBERS (8 = E, 16 = S, 24 = W, 32 = N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	31	2	31	1·5	31	1·5	3	3	4	1·5	26	4	26	5	25	4·5	24	7·5	28	12	29	16	31	10·5
2	17	27	18	32	18	35	17	31	21	26	21	20	22	16	21	15	21	18	21	18	21	20	21	21
3	20	17	19	14	20	17	20	16	19	20	21	13	20	19	21	20	21	22	21	20	21	22	21	23
4	23	14	23	14	23	16	24	10·5	24	12	24	8·5	24	12	23	14	23	18	22	13	21	20	21	18
5	16	18	16	19	15	20	16	20	15	20	16	18	16	17	14	20	14	26	13	25	14	29	14	32
6	10	16	10	17	9	22	9	21	9	27	9	23	10	28	10	28	10	29	10	21	9	28	11	24
7	19	24	20	24	18	20	16	14	16	15	17	15	14	2[illegible]	14	22	13	26	13	24	13	30	11	24
8	8	14	10	8·5	10	4	2	4·5	6	5·5	5	5·5	5	4·5	5	4	9	8·5	10	7·5	6	4·5	1	11
9	4	14	8	20	5	15	7	21	6	23	8	35	9	36	9	36	8	34	8	25	10	29	11	29
10	9	12	10	18	10	9·5	11	16	10	18	9	22	8	26	8	30	8	34	8	35	9	37	9	33
11	11	30	11	30	12	36	12	30	12	27	12	27	11	26	11	30	11	26	12	27	12	30	13	32
12	16	35	14	32	16	39	16	37	17	33	14	33	14	34	13	36	13	35	13	30	13	32	12	30
13	13	20	13	20	13	17	13	12	13	14	13	18	14	20	14	23	17	20	18	18	18	29	18	29
14	15	34	17	31	16	29	17	29	17	27	16	29	21	27	21	27	21	22	21	27	20	31	20	36
15	15	20	15	14	15	6·5	14	2	14	1·5	14	1·5	17	9·5	21	20	21	20	21	25	20	29	20	32
16	23	14	22	7·5	17	10·5	17	9·5	15	11	12	20	12	24	11	31	12	35	11	33	12	42	17	43
17	19	40	19	40	19	40	19	40	21	34	21	30	21	22	21	23	21	20	21	21	18	26	18	29
18	14	26	18	33	17	36	17	38	18	35	19	32	18	36	18	37	18	35	18	41	17	42	17	38
19	19	47	20	47	21	46	20	47	21	49	21	47	22	44	24	39	24	34	24	27	23	37	23	36
20	23	22	25	18	28	12	23	14	26	13	28	10·5	30	7·5	30	16	1	17	31	16	32	17	32	20
21	27	19	27	14	26	18	26	18	25	12	27	18	27	18	27	16	27	19	27	19	26	21	26	22
22	25	7·5	25	5·5	22	8·5	21	9·5	20	12	20	12	16	9·5	16	15	16	20	14	19	13	30	13	27
23	18	8·5	16	13	21	11	22	3	23	6·5	26	8·5	23	12	24	12	25	23	25	26	26	27	25	27
24	31	24	31	25	31	22	32	22	32	22	31	22	31	21	31	22	31	22	31	19	31	19	30	20
25	28	12	28	12	27	11	25	12	24	11	24	15	24	20	24	20	24	24	24	19	25	24	26	25
26	24	16	25	14	26	11	24	11	24	11	23	13	24	16	24	19	25	17	25	17	24	20	25	20
27	23	4·5	25	7·5	24	5·5	24	2	25	6·5	17	4·5	16	9·5	12	12	17	4	24	6·5	27	9·5	29	8·5
28	1	12	1	9·5	1	8·5	1	12	1	10·5	1	12	2	10·5	2	17	2	18	2	17	1	20	1	19
29	3	5·5	4	6·5	4	4·5	4	9·5	4	10·5	3	9·5	5	12	5	15	5	14	4	16	3	16	3	16
30	4	4	4	4	4	2	4	1·5	4	2	4	5·5	4	3	4	1·5	4	2	2	6·5	1	8·5	8	5·5
31	4	2	4	1·5	4	1·5	4	2	4	1·5	4	1·5	4	1·5	4	1·5	4	3	21	6·5	22	8·5	2	9·5

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	30	9·5	27	11	26	12	25	10·5	22	11	22	13	22	11	19	11	16	11	14	7·5	15	14	16	21
2	21	22	21	23	21	24	21	23	20	26	21	20	20	21	21	16	19	14	19	13	19	15	19	14
3	21	26	21	25	21	25	21	25	21	26	22	21	22	20	22	19	22	14	22	16	23	18	23	12
4	21	18	21	15	21	16	20	12	19	20	19	15	18	14	16	11	16	11	17	15	15	10·5	15	15
5	13	34	13	34	13	35	12	29	12	29	12	27	13	25	13	17	12	14	12	14	11	17	11	17
6	12	26	13	22	13	23	14	26	14	29	13	30	13	27	13	29	17	36	21	37	22	33	21	30
7	13	29	12	27	11	27	12	27	11	26	11	26	10	23	10	16	10	18	10	21	10	15	8	13
8	32	12	27	8·5	23	16	21	12	15	13	13	6·5	7	11	2	9·5	6	10·5	8	15	9	24	8	13
9	11	33	12	34	12	30	12	34	12	31	12	25	12	24	12	20	12	18	11	13	10	17	9	12
10	9	36	9	31	10	34	10	34	11	37	11	31	13	38	12	34	12	26	12	29	12	29	12	30
11	13	38	11	36	12	36	13	38	12	36	13	34	13	36	13	34	13	36	13	37	14	38	15	33
12	11	24	11	43	12	36	13	37	16	33	18	37	15	27	16	29	14	33	13	28	14	26	14	20
13	18	30	18	34	18	33	18	30	17	28	16	29	17	31	17	32	17	27	16	30	16	30	16	30
14	20	37	19	38	19	39	18	37	19	38	19	33	18	38	18	35	17	38	17	29	17	28	15	26
15	20	37	20	35	21	30	21	30	21	27	22	20	24	18	24	16	25	16	25	13	24	10·5	24	11
16	17	48	17	46	17	43	17	47	18	51	18	52	19	50	18	51	19	50	19	50	19	46	19	40
17	18	31	18	29	16	29	14	29	16	28	14	26	13	29	13	28	13	22	12	20	13	18	14	23
18	18	44	18	45	18	45	18	37	18	44	18	41	18	40	19	38	19	40	18	44	19	47	18	49
19	23	34	23	36	24	26	24	24	24	23	24	20	24	19	23	17	23	17	24	18	22	25	25	15
20	30	18	31	19	29	16	29	17	31	15	29	18	30	15	30	13	30	10·5	28	11	‡26	14	26	13
21	26	21	27	20	27	20	25	19	27	16	25	15	27	16	26	12	27	5·5	27	11	28	7·5	28	2
22	14	30	12	36	12	37	12	38	12	36	12	33	12	26	18	26	19	24	21	20	20	20	19	11
23	26	27	25	29	26	27	26	23	26	22	26	19	29	18	31	20	31	19	32	22	31	26	31	24
24	31	23	31	22	29	24	30	20	30	21	30	20	29	20	30	19	30	16	29	16	28	14	28	14
25	26	20	25	21	25	24	25	18	25	20	24	18	25	15	25	17	25	14	25	17	24	14	24	16
26	25	16	25	18	24	20	22	16	23	17	25	10·5	24	13	24	12	27	15	26	9·5	26	10·5	26	4
27	2	4·5	2	4·5	1	13	4	9·5	5	10·5	5	5·5	2	10·5	2	16	2	17	2	16	2	11	1	16
28	32	17	31	17	31	19	31	18	31	19	32	18	32	20	1	17	32	18	1	13	1	12	1	8·5
29	2	18	1	17	1	19	1	17	1	17	2	14	2	16	2	10·5	3	4·5	4	3	4	1·5	4	1·5
30	1	13	3	12	1	17	1	17	1	18	1	14	2	11	2	10·5	2	7·5	3	3	4	1·5	4	1·5
31	2	9·5	1	7·5	27	8·5	27	7·5	30	9·5	1	13	2	14	2	7·5	2	4	2	2	9	4	10	4·5

RAINFALL. GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010
2	·002	·006	·042	·040	·057	·073	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·	·	·	·045	·	·	·	·	·	·	·	·003	·001	·001	·001	·
4	·002	·002	·002	·001	·001	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·005	·018	·035	·055	·055	·010	·040	·002	·002	·	·	·	·	·	·	·
7	·	·	·	·	·	·	·	·	·004	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·	·020	·003	·001	·001	·001	·001	·008	·002	·002	·	·002	·
10	·	·	·	·	·	·	·	·	·005	·	·	·	·040	·070	·003	·	·025	·040	·095	·002	·002	·001	·	·
11	·	·	·	·	·002	·	·	·	·003	·	·	·	·	·020	·020	·004	·	·006	·	·	·	·190	·030	·030
12	·003	·	·077	·005	·015	·	·010	·	·	·	·	·018	·050	·037	·045	·012	·003	·085	·070	·110	·	·	·	·
13	·	·	·001	·002	·	·	·	·013	·003	·075	·	·	·	·	·	·	·	·	·	·	·	·	·	·
14	·	·077	·058	·100	·042	·068	·260	·	·	·	·	·030	·	·	·	·	·	·010	·	·	·	·	·	·
15	·	·045	·045	·095	·095	·030	·005	·	·	·	·	·066	·002	·002	·005	·002	·	·	·020	·003	·	·	·	·
16	·	·	·	·	·	·	·	·035	·005	·017	·315	·064	·	·	·	·	·	·	·003	·005	·	·011	·	·
17	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·	·	·	·	·068	·027
18	·045	·007	·002	·001	·022	·001	·001	·001	·008	·002	·	·100	·	·010	·	·015	·	·	·100	·	·	·	·020	·047
19	·008	·010	·010	·005	·005	·002	·043	·007	·008	·	·	·	·	·	·	·	·	·003	·	·012	·020	·140	·008	·077
20	·037	·125	·003	·065	·005	·002	·013	·002	·013	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
21	·027	·046	·007	·002	·001	·001	·001	·007	·	·	·	·	·	·	·	·	·	·	·018	·002	·	·	·	·
22	·002	·003	·002	·	·	·003	·	·003	·009	·	·	·030	·077	·033	·010	·060	·135	·150	·230	·028	·003	·040	·	·
23	·005	·005	·010	·005	·005	·005	·005	·002	·010	·003	·	·	·005	·	·	·	·	·	·	·090	·003	·007	·003	·005
24	·005	·	·002	·003	·	·	·040	·	·010	·	·	·	·	·	·005	·015	·	·	·	·002	·	·	·	·
25	·003	·002	·	·	·008	·002	·002	·	·	·010	·	·	·170	·050	·	·	·	·	·	·022	·	·	·	·008
26	·	·	·010	·005	·010	·005	·002	·002	·006	·	·	·	·012	·013	·	·	·	·013	·005	·001	·001	·002	·	·037
27	·022	·002	·041	·045	·030	·	·	·	·035	·045	·	·015	·025	·035	·022	·028	·005	·020	·	·	·	·	·	·
28	·005	·002	·002	·002	·002	·002	·002	·002	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
29	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
31	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2·41	·166	·332	·314	·346	·300	·195	·384	·074	·125	·170	·350	·393	·456	·283	·151	·139	·171	·338	·549	·282	·032	·392	·132	·241
8	12	11	13	12	13	9	9	8	11	6	2	9	9	10	8	7	5	9	9	11	5	6	6	8

* Record defective or Instrument out of action. * Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·402	·403	·399	·395	·398	·400	·394	·405	·409	·388	·375	·378	·349	·376	·365	·361	·361	·355	·343	·359	·346	·349	·360	·371
2	·378	·390	·390	·394	·400	·368	·345	·368	·354	·347	·338	·317	·323	·303	·322	·309	·310	·310	·332	·289	·316	·321	·334	·325
3	·315	·313	·314	·306	·305	·294	·290	·303	·288	·292	·303	·328	·327	·325	·318	·318	·305	·305	·319	·320	·339	·317	·293	·258
4	·308	·294	·292	·298	·283	·273	·281	·300	·298	·318	·335	·335	·325	·336	·337	·328	·329	·344	·322	·322	·316	·311	·313	·326
5	·323	·300	·299	·297	·291	·291	·307	·309	·328	·345	·354	·354	·361	·346	·350	·335	·343	·351	·332	·321	·314	·303	·295	·305
6	·305	·296	·286	·288	·335	·328	·351	·370	·390	·395	·393	·405	·410	·412	·412	·402	·393	·382	·393	·387	·358	·316	·285	·271
7	·267	·266	·274	·268	·277	·265	·280	·290	·292	·298	·302	·298	·312	·293	·296	·307	·287	·294	·295	·290	·275	·275	·276	·265
8	·272	·260	·261	·238	·250	·261	·266	·268	·267	·294	·304	·273	·284	·284	·269	·335	·341	·333	·309	·312	·295	·245	·232	·252
9	·263	·282	·283	·284	·291	·300	·301	·305	·325	·320	·320	·329	·373	·379	·346	·333	·341	·362	·378	·370	·358	·347	·345	·334
10	·329	·337	·342	·330	·333	·335	·331	·325	·334	·317	·318	·329	·362	·366	·387	·397	·398	·385	·394	·377	·380	·383	·378	·375
11	·372	·375	·367	·366	·365	·355	·345	·355	·361	·376	·373	·384	·394	·374	·396	·404	·386	·385	·383	·374	·367	·380	·382	·377
12	·363	·369	·373	·364	·363	·354	·365	·368	*	·375	·370	·379	·366	·373	·386	·390	·345	·344	·347	·342	·356	·356	·358	·352
13	·344	·341	·342	·342	·347	·357	·360	·370	·371	·349	·395	·393	·390	·396	·402	·396	·390	·387	·377	·371	·358	·357	·363	·351
14	·355	·338	·350	·353	·353	·354	·343	·358	·355	·368	·359	·355	·371	·372	·386	·374	·369	·374	·367	·356	·351	·351	·346	·346
15	·353	·360	·363	·361	·358	·358	·363	·351	·366	·361	·359	·369	·377	·364	·357	·373	·350	·361	·345	·331	·299	·279	·273	·249
16	·253	·251	·271	·275	·286	·305	·322	·342	·353	·363	·390	·405	·397	·392	·386	·377	·377	·367	·372	·358	·355	·355	·343	·345
17	·369	·362	·362	·343	·348	·354	·346	·365	·365	·378	·394	·386	·395	·394	·405	·402	·407	·404	·398	·379	·376	·402	·411	·424
18	·421	·410	·371	·361	·354	·350	·340	·332	·319	·341	·344	·346	·360	·347	·330	·320	·333	·333	·341	·323	·328	·319	·334	·326
19	·335	·339	·343	·338	·330	·331	·332	·326	·342	·354	·364	·362	·362	·372	·379	·343	·345	·347	·354	·340	·348	·334	·334	·336
20	·318	·313	·303	·306	·302	·303	·302	·309	·299	·264	·256	·267	·262	·256	·257	·255	·245	·218	·225	·222	·216	·224	·237	·241
21	·249	·244	·264	·240	·260	·256	·268	·278	·277	·268	·256	·295	·287	·286	·299	·303	·307	·297	·318	·285	·295	·283	·280	·286
22	·301	·304	·289	·277	·272	·268	·269	·284	·308	·303	·316	·351	·337	·354	·362	·372	·369	·372	·399	·418	·415	·390	·349	·359
23	·371	·371	·361	·353	·356	·368	·367	·362	·369	·358	·347	·352	·342	·340	·340	·347	·341	·338	·345	·340	·322	·317	·315	·299
24	·296	·297	·289	·284	·273	·271	·299	·264	·278	·271	·290	·295	·291	·303	·306	·291	·300	·288	·270	·270	·265	·268	·260	·266
25	·257	·263	·268	·288	·288	·290	·304	·313	·343	·343	·326	·332	·368	·350	·341	·342	·328	·333	·332	·327	·316	·308	·315	·313
26	·308	·299	·283	·289	·289	·293	·302	·304	·308	·313	·308	·300	·314	·303	·284	·313	·289	·321	·300	·300	·272	·265	·263	·263
27	·275	·267	·265	·257	·257	·268	·306	·283	·290	·268	·267	·268	·282	·278	·297	·288	·298	·303	·305	·283	·289	·293	·294	·288
28	·279	·287	·269	·275	·271	·261	·271	·284	·288	·289	·289	·294	·309	·297	·323	·305	·328	·312	·321	·310	·306	·314	·314	·325
29	·309	·294	·301	·297	·297	·305	·316	·299	·306	·299	·299	·305	·330	·325	·336	·329	·322	·328	·333	·322	·327	·315	·299	·295
30	·303	·303	·297	·297	·295	·301	·321	·340	·345	·340	·307	·344	·352	·369	·384	·352	·368	·353	·361	·335	·315	·314	·326	·324
31	·307	·300	·288	·287	·277	·308	·305	·331	·359	·347	·353	·342	·344	·333	·354	·334	·342	·343	·336	·327	·311	·304	·313	·306

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21' N LONG 6°39' W

HOURLY VALUES *May* 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.
1	29·339	29·341	29·335	29·344	29·346	29·360	29·371	29·388	29·398	29·407	29·409	29·413
2	·506	·506	·501	·498	·503	·510	·521	·522	·531	·537	·547	·538
3	·671	·671	·674	·675	·672	·681	·682	·679	·680	·679	·675	·660
4	...	...	...	...	*	...	...	...	...	·760	·774	·779
5	·805	·792	·801	·797	·784	·780	·774	·765	·767	·760	·749	·726
6	·583	·560	·546	·521	·505	·485	·470	·454	·435	·413	·392	·379
7	·294	·306	·319	·338	·369	·398	·440	·462	·491	·503	·520	·532
8	·520	·503	·496	·490	·493	·497	·505	·516	·521	·529	·543	·552
9	·657	·643	·630	·624	·628	·634	·640	·646	·648	·652	·649	·658
10	·655	·639	·633	·620	·621	·623	·623	·614	·612	·598	·569	·555
11	·380	·364	·345	·344	·320	·309	·299	·271	·251	·217	·197	·189
12	·233	·235	·228	·215	·215	·217	·229	·246	·257	·256	·258	·260
13	·213	·193	·185	·166	·154	·143	·139	·129	·136	29·119	29·115	29·111
14	29·096	29·085	29·068	29·058	29·046	29·041	29·026	29·016	29·009	28·995	28·987	28·978
15	28·998	28·982	28·969	28·963	28·947	28·925	28·906	28·878	28·859	28·825	28·822	28·847
16	29·170	29·205	29·230	29·261	29·282	29·304	29·323	29·339	29·355	29·341	29·325	29·313
17	·101	·109	·127	·130	·148	·171	·183	·220	·258	·303	·357	·418
18	·540	·499	·464	·412	·385	·368	·353	·360	·357	·356	·364	·375
19	·331	·314	·293	·266	·236	·217	·206	·193	·186	·178	·164	·188
20	·592	·598	·598	·596	·603	·591	·610	·626	·637	·640	·657	·664
21	·679	·665	·662	·638	·627	·627	·632	·651	·646	·652	·666	·659
22	·716	·706	·695	·685	·687	·683	·685	·680	·671	·665	·648	·638
23	·325	·282	·239	·200	·173	·143	·130	·116	·090	·081	·076	·065
24	·132	·134	·142	·148	·156	·167	·184	·193	·210	·217	·239	·246
25	·387	·385	·394	·393	·405	·409	·411	·417	·429	·434	·432	·428
26	·470	·459	·464	·454	·458	·459	·466	·467	·466	·462	·454	·445
27	·434	·426	·423	·421	·429	·437	·446	·450	·461	·466	·473	·482
28	·610	·613	·616	·627	·644	·660	·677	·692	·699	·705	·708	·714
29	29·880	29·881	29·889	29·898	29·907	29·922	29·941	29·948	·962	·968	·976	·981
30	30·034	30·025	30·014	30·008	30·011	30·007	30·007	30·001	·998	·985	·990	·985
31	29·920	29·909	29·902	29·895	29·897	29·896	29·895	29·883	29·879	29·864	29·855	29·858

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·425	29·429	29·434	29·427	29·436	29·444	29·458	29·468	29·487	29·489	29·489	29·497
2	·565	·567	·572	·578	·589	·599	·615	·636	·654	·660	·676	·670
3	·66[illegible]	·651	·648	·654	·651	·651	·663	·669	·664	·676	*	*
4	·781	·777	·786	·780	·790	·786	·795	·811	·820	·820	·814	·812
5	·722	·704	·686	·680	·668	·650	·633	·626	·630	·630	·623	·602
6	·360	·340	·306	·283	·273	·259	·250	·242	·242	·250	·262	·281
7	·534	·528	·532	·531	·543	·540	·542	·545	·547	·535	·531	·527
8	·565	·573	·576	·572	·587	·581	·597	·593	·611	·624	·643	·659
9	·664	·642	·660	·655	·648	·653	·661	·667	·666	·664	·660	·665
10	·542	·527	·489	·465	·440	·431	·426	·422	·421	·408	·382	·377
11	·199	·212	·212	·211	·218	·213	·219	·243	·244	·239	·241	·240
12	·264	·253	·244	·242	·231	·225	·219	·216	·221	·219	·223	·220
13	29·112	29·114	29·099	29·080	29·092	29·091	29·096	29·098	·104	·107	·098	·098
14	28·957	28·939	28·932	28·931	28·937	28·956	28·968	28·983	·001	·009	·013	·004
15	†28·883	28·905	28·914	28·939	28·958	28·993	29·012	29·034	·058	·082	·101	·138
16	29·285	29·243	29·180	29·099	29·081	29·068	·073	·070	·085	·084	·088	·094
17	·462	·493	·514	·531	·552	·560	·581	·589	·602	·595	·585	·568
18	†·366	†·365	†·375	·382	·396	·372	·373	·391	·388	·366	·358	·345
19	·229	·289	·337	·366	·391	·421	·444	·477	·516	·552	·577	·588
20	·668	·671	·678	·683	·691	·690	·700	·692	·698	·696	·685	·682
21	·671	·669	·676	·677	·684	·688	·690	·694	·711	·712	·716	·718
22	·621	·601	·585	·568	·552	·536	·510	·491	·474	·439	·412	·374
23	·067	·067	·076	·073	·081	·088	·094	·102	·120	·129	·132	·134
24	·244	·243	·262	·266	·285	·292	·306	·324	·350	·361	·373	·381
25	·432	·423	·418	·415	·427	·430	·442	·449	·462	·469	·472	·470
26	·455	·440	·434	·442	·426	·422	·439	·436	·437	·440	·440	·433
27	·485	·490	·497	·508	·522	·522	·541	·559	·580	·586	·597	·596
28	·719	·717	·726	·736	·748	29·775	29·793	29·812	29·836	29·847	29·861	29·866
29	·983	·985	·986	·988	·997	30·000	30·007	30·022	30·031	30·031	30·036	30·033
30	·980	·973	·971	·964	·960	29·956	29·946	29·942	29·947	29·946	29·939	29·933
31	29·847	29·843	29·838	29·830	29·828	29·828	29·831	29·832	29·841	29·839	29·843	29·837

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	50·1	50·2	50·1	50·2	50·1	50·2	50·9	52·0	53·1	54·4	56·0	57·8
2	52·2	51·9	50·7	50·0	50·9	51·7	52·3	53·0	53·4	55·9	56·1	58·0
3	47·1	47·0	47·0	46·3	46·2	46·1	48·6	50·6	53·6	55·2	55·0	58·8
4	...	...	...	...	*	...	...	...	...	†54·5	55·0	57·1
5	48·0	47·1	46·9	46·0	46·3	47·3	50·2	52·8	53·2	56·7	58·9	59·6
6	48·2	46·8	47·8	46·7	47·6	48·8	50·7	51·6	54·0	54·6	55·0	55·4
7	51·9	51·3	51·6	51·0	51·2	51·6	50·3	51·5	53·5	56·6	56·6	57·2
8	50·8	50·0	50·0	50·0	49·1	48·9	48·3	48·4	48·6	48·4	49·0	49·8
9	45·0	44·3	44·3	43·4	43·8	43·9	44·0	44·8	45·0	45·2	45·2	45·7
10	46·0	45·9	46·2	46·6	46·8	46·7	47·0	47·5	48·9	49·6	50·8	51·9
11	52·0	51·9	50·9	49·9	49·6	49·8	49·9	49·5	49·8	50·0	49·9	51·0
12	52·3	52·2	52·3	52·0	52·1	52·4	53·9	53·8	56·9	56·8	59·5	60·0
13	52·6	52·3	52·4	51·2	51·1	52·0	52·7	53·6	53·1	53·9	55·0	56·9
14	50·4	50·5	50·9	51·1	51·2	51·2	53·0	54·9	56·3	57·9	58·2	57·3
15	50·1	50·2	50·4	49·7	50·0	50·8	50·3	50·3	50·8	51·4	54·8	57·4
16	49·9	48·2	46·9	45·4	44·9	46·0	48·0	50·6	53·0	55·4	55·8	57·0
17	53·1	52·7	51·9	52·1	52·7	52·9	53·2	54·1	54·2	55·6	56·0	56·0
18	51·0	51·9	52·7	53·1	53·6	54·2	55·4	56·4	57·7	58·3	59·9	58·7
19	47·4	47·1	47·9	48·2	48·7	48·4	50·0	51·2	53·0	51·2	51·2	54·3
20	46·2	45·1	45·0	45·2	45·2	45·0	45·0	42·9	45·5	47·2	45·0	45·9
21	41·1	40·7	41·0	40·6	41·2	42·2	41·9	40·8	43·5	46·4	46·1	49·6
22	42·7	42·9	42·4	42·3	41·9	43·0	46·0	48·7	51·7	50·7	53·0	53·9
23	46·3	45·8	45·7	45·8	45·7	45·9	46·6	46·9	47·9	48·6	48·4	48·8
24	46·8	46·2	46·0	45·9	45·9	46·1	47·0	47·7	49·2	51·9	51·7	54·0
25	45·0	42·9	42·4	42·4	41·9	44·0	46·9	50·1	49·8	52·1	51·9	52·9
26	46·9	46·9	46·3	45·8	45·0	46·2	48·0	50·1	52·7	54·0	56·0	58·9
27	47·0	46·1	44·8	45·0	45·9	46·9	47·9	48·9	49·8	49·3	51·6	51·3
28	46·0	45·2	45·8	45·2	45·9	46·9	48·9	50·2	51·1	52·7	54·0	54·6
29	46·0	47·0	47·2	47·6	47·9	48·9	49·9	50·8	53·6	54·8	56·2	57·2
30	43·3	42·9	41·9	41·0	41·6	43·9	47·0	49·8	52·2	54·1	53·8	54·9
31	43·8	43·2	42·6	41·9	41·8	43·9	47·5	50·5	53·1	55·1	56·6	57·6

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	61·6	60·2	60·5	61·9	61·0	60·1	57·7	56·2	54·8	53·8	53·0	52·9
2	54·2	57·7	59·1	59·9	57·9	56·7	55·6	52·2	50·0	49·0	47·7	46·8
3	57·4	59·0	58·2	56·9	57·3	54·8	53·9	52·2	50·4	50·2	*	*
4	58·6	60·4	59·0	59·1	58·9	57·8	57·1	54·9	52·9	51·1	50·2	49·0
5	61·3	61·9	61·9	60·0	58·7	56·6	54·1	52·3	51·0	52·1	50·0	48·3
6	55·8	56·9	55·1	54·0	55·0	54·9	54·9	55·0	54·0	53·6	52·9	52·0
7	58·9	59·2	59·3	58·8	54·0	54·7	54·1	52·7	51·6	52·3	51·7	50·7
8	49·2	49·0	49·1	50·8	50·0	50·0	49·0	47·8	46·9	46·2	46·0	45·4
9	46·4	48·9	50·0	51·1	51·9	51·1	50·4	49·8	48·6	48·3	47·0	46·6
10	53·9	55·4	56·3	56·9	56·9	56·6	57·0	54·9	53·6	54·2	53·7	53·1
11	53·1	56·0	57·1	56·9	56·9	55·9	55·2	53·7	52·6	53·2	53·6	53·0
12	58·1	59·1	58·0	58·2	58·0	57·0	55·4	55·1	53·8	53·0	52·9	52·7
13	56·8	54·7	58·1	57·9	56·0	55·7	54·6	54·9	52·8	52·3	51·6	51·1
14	56·5	56·0	56·5	56·9	55·9	57·5	52·6	51·7	51·0	50·9	51·0	50·9
15	†53·1	52·6	56·0	54·3	54·9	52·4	52·8	52·0	51·2	51·1	51·0	50·5
16	55·9	53·5	51·5	52·0	54·8	56·0	56·0	55·1	54·3	53·6	53·2	53·4
17	60·8	59·4	60·3	60·9	60·3	59·2	57·9	56·8	55·1	53·4	53·0	52·7
18	†61·6	†52·5	†53·3	†54·9	50·0	53·6	53·3	48·8	47·5	48·5	48·3	47·8
19	53·7	53·5	54·4	56·5	56·0	56·0	54·4	52·0	49·2	49·1	48·2	47·6
20	47·5	45·9	48·1	47·4	48·2	48·2	47·2	45·0	43·7	43·3	42·0	42·8
21	49·3	52·0	50·0	49·2	49·4	48·6	47·8	47·0	45·1	43·0	43·9	42·0
22	54·0	57·3	54·4	54·0	52·2	52·1	50·0	49·0	48·6	48·1	48·0	47·3
23	48·4	48·5	48·0	48·2	48·0	48·0	47·8	47·8	47·4	47·1	47·0	46·9
24	53·0	53·2	53·1	53·1	53·0	52·2	51·0	50·3	47·6	47·8	46·4	46·0
25	52·9	54·4	54·9	55·2	51·3	50·8	50·3	49·2	48·6	47·6	46·9	46·8
26	54·3	57·4	56·8	51·5	52·6	53·5	49·1	49·4	49·2	49·0	48·1	47·0
27	52·9	51·7	53·0	51·5	49·1	50·1	50·2	48·7	47·6	46·1	45·7	45·9
28	55·9	56·0	57·6	58·7	56·0	55·2	53·9	51·3	49·2	46·1	44·9	45·0
29	56·9	56·8	57·5	58·2	57·0	55·2	53·9	51·6	48·0	46·8	45·7	44·8
30	54·6	54·6	53·9	54·1	53·6	53·5	52·6	51·9	50·9	50·0	47·6	45·0
31	57·9	58·7	58·6	58·5	55·9	55·3	53·0	50·1	47·2	46·2	44·7	43·3

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	50·0	50·0	50·0	50·0	49·9	49·9	50·7	51·4	52·3	53·2	53·9	55·0
2	51·8	51·1	49·2	48·9	49·7	50·2	51·0	51·2	51·4	54·0	53·8	54·9
3	45·0	45·1	45·1	45·0	44·7	44·5	46·5	48·0	49·6	49·8	49·0	51·2
4	...	...	...	...	*	...	...	...	...	†49·4	50·7	50·6
5	46·2	45·7	45·1	44·7	45·0	45·9	48·2	49·9	50·1	51·2	52·6	53·0
6	46·1	45·2	46·0	45·1	46·2	47·2	48·1	48·9	50·0	50·3	51·0	51·6
7	51·0	50·2	50·7	50·0	50·3	50·4	48·0	48·2	50·0	52·0	50·6	50·4
8	50·0	49·3	49·7	50·0	49·9	48·8	48·0	48·0	48·2	48·1	48·3	48·4
9	43·1	42·7	42·8	41·6	41·6	42·0	42·2	42·3	43·0	43·7	44·0	44·1
10	45·3	45·2	45·9	45·9	46·0	45·9	46·0	46·6	47·2	47·9	48·4	49·1
11	51·0	50·8	49·7	48·5	48·0	48·3	48·7	48·9	49·0	49·7	49·6	50·7
12	51·1	51·1	51·6	50·9	51·1	51·2	52·0	51·9	54·1	53·9	55·3	55·9
13	51·0	51·1	51·2	50·4	47·9	50·9	50·9	51·3	50·9	51·3	52·5	52·5
14	48·9	48·8	49·1	49·7	49·5	49·6	50·6	52·0	52·2	53·0	52·6	53·3
15	48·9	49·0	49·0	48·2	48·7	49·3	49·3	49·4	49·9	50·6	52·8	53·9
16	48·0	47·3	45·2	44·2	43·9	44·4	46·0	47·7	49·0	49·8	49·6	50·5
17	50·0	50·1	50·0	49·9	49·9	49·9	50·7	51·5	51·9	52·6	54·7	52·5
18	49·6	50·9	52·0	52·4	52·9	53·5	54·5	55·0	54·9	53·9	55·0	54·1
19	46·0	46·0	46·3	47·0	47·2	47·7	48·9	49·9	51·8	50·2	50·5	53·0
20	44·9	43·9	43·9	44·1	43·2	43·0	43·3	41·7	42·9	43·8	43·7	42·5
21	40·1	39·9	40·6	39·8	40·3	41·1	41·0	39·0	42·6	43·2	42·9	44·9
22	41·0	41·9	41·6	41·7	41·0	42·3	44·6	45·7	47·8	47·2	48·3	48·8
23	45·6	45·4	45·2	45·2	45·2	45·6	46·2	46·3	47·3	47·9	48·0	48·4
24	46·3	45·7	45·0	45·0	44·9	44·7	45·0	46·0	46·9	48·9	48·5	49·9
25	44·0	41·8	41·5	41·5	41·0	43·2	45·3	47·2	47·0	47·9	47·7	48·7
26	46·0	46·0	45·7	45·0	44·0	45·4	46·9	47·8	49·0	49·4	50·1	52·1
27	46·4	45·2	44·1	44·1	45·0	46·3	47·2	47·4	48·1	47·9	49·1	49·0
28	45·8	44·9	45·7	45·0	45·8	46·7	47·9	48·2	48·3	49·4	50·0	49·8
29	45·4	46·0	46·1	46·7	46·8	47·4	47·9	48·7	50·4	51·2	52·1	52·7
30	42·7	42·0	41·1	40·4	41·0	43·0	45·9	47·9	48·1	49·9	49·3	50·0
31	43·0	42·7	42·0	41·2	41·2	43·3	46·0	47·3	49·0	49·0	49·1	50·0

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	57·0	56·0	56·7	56·8	56·3	56·0	56·8	55·8	54·0	52·9	52·4	52·3
2	53·5	55·0	53·0	52·5	50·8	49·3	48·2	46·3	46·0	45·5	45·0	44·4
3	50·8	51·0	50·9	49·5	50·0	48·2	48·2	47·7	46·6	47·0	*	*
4	51·8	53·8	52·1	52·1	50·9	51·3	52·0	50·4	49·2	48·0	47·8	46·9
5	54·3	54·5	55·6	54·1	52·2	50·0	50·0	48·3	48·0	47·6	46·9	45·7
6	51·4	53·2	53·1	53·7	54·2	54·0	54·0	54·1	53·1	52·8	52·1	51·6
7	51·3	52·1	54·6	54·7	52·9	53·0	53·0	51·8	51·0	51·8	50·7	49·4
8	48·0	47·4	48·0	49·0	47·9	47·9	47·0	46·2	45·2	44·8	44·0	43·3
9	45·0	46·3	47·5	48·3	49·0	48·9	48·1	48·0	47·3	47·0	46·2	45·8
10	51·0	51·6	52·1	52·9	53·1	53·5	53·4	53·2	53·0	53·5	53·1	52·2
11	52·6	54·4	55·0	54·6	54·0	53·0	52·9	51·8	51·0	50·9	51·4	51·7
12	54·1	53·9	53·8	53·2	...	...	*	...	...	†51·0	51·0	51·0
13	52·3	52·3	54·1	54·4	54·0	52·9	53·0	52·7	50·5	50·5	50·0	49·5
14	54·6	52·8	53·0	53·6	53·5	50·8	51·2	50·3	50·0	49·8	49·5	49·3
15	†51·9	51·9	53·8	53·0	53·3	51·4	52·0	51·0	50·0	50·2	50·1	49·6
16	50·0	51·0	50·2	51·1	53·0	54·2	52·2	52·3	51·8	51·9	50·9	50·7
17	55·2	52·8	54·2	55·4	54·7	53·9	54·0	54·2	53·5	52·0	51·1	50·2
18	†54·3	†53·3	†50·7	†50·9	48·0	49·4	48·7	47·6	46·7	47·3	47·0	46·2
19	52·2	51·3	50·9	52·2	51·1	51·2	51·0	49·1	46·7	46·8	46·6	46·0
20	44·3	43·5	44·6	41·9	43·2	41·9	41·8	41·0	40·7	40·9	40·7	41·0
21	45·0	45·2	44·0	43·7	44·7	44·6	43·7	43·0	42·8	41·5	42·3	41·0
22	48·9	50·6	49·0	48·8	49·1	48·8	48·4	47·1	46·7	46·7	46·6	46·2
23	48·3	48·2	47·9	48·0	48·0	47·9	47·7	47·6	47·2	46·9	46·9	46·3
24	49·7	49·3	49·7	49·3	49·3	47·9	48·0	46·9	45·9	45·7	44·9	45·0
25	48·9	50·1	50·1	50·9	49·3	48·8	49·0	48·6	47·9	46·5	46·0	45·9
26	51·2	51·4	51·0	49·4	49·9	50·2	48·0	48·3	48·3	48·0	47·0	46·3
27	49·0	49·0	49·7	47·8	47·2	46·9	47·6	46·8	46·5	45·5	44·9	45·4
28	50·4	51·7	50·9	51·9	50·9	50·9	49·3	48·5	46·8	45·1	44·1	44·1
29	52·3	52·2	52·9	52·9	52·7	51·8	50·6	48·2	45·6	45·0	44·3	43·9
30	50·4	49·9	50·4	51·0	50·1	49·8	48·2	48·5	47·0	47·5	45·9	44·2
31	50·0	51·0	51·0	50·9	49·7	48·1	47·4	45·5	44·2	43·9	42·9	42·1

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21' N. LONG: 6°39' W.

HOURLY VALUES May 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	6	4.5	6	4.5	8	4	8	4.5	8	4.5	9	4	9	2	10	3	11	3	11	2	10	3	10	3
2	18	8.5	17	8.5	17	7.5	17	6.5	17	4.5	17	8.5	17	7.5	17	11	16	10.5	18	12	17	13	17	13
3	19	11	19	11	19	11	19	11	17	8.5	17	10.5	18	14	18	13	18	19	18	19	19	19	19	21
4	20	13	20	13	19	12	19	14	20	9.5	21	11	21	10.5	22	7.5	21	13	21	12	21	15	21	12
5	17	12	19	11	18	7.5	17	6.5	16	9.5	17	6.5	17	7.5	15	13	16	13	16	13	17	14	16	12
6	8	3	8	6.5	8	6.5	7	7.5	6	4	6	7.5	8	8.5	7	9.5	10	12	8	14	9	24	9	17
7	13	12	12	11	13	19	14	13	13	9.5	16	9.5	21	9.5	24	6.5	21	6.5	20	5.5	24	5.5	27	4.5
8	3	6.5	2	6.5	2	6.5	3	6.5	4	7.5	4	8.5	4	9.5	5	10.5	5	12	5	14	5	14	5	13
9	6	11	5	12	5	11	6	12	5	13	5	12	5	11	7	12	6	12	8	13	7	16	8	17
10	9	8.5	8	13	8	13	8	10.5	7	6.5	5	9.5	5	7.5	6	7.5	7	12	8	9.5	7	16	7	15
11	10	18	10	16	8	13	8	17	9	16	8	16	7	16	7	10.5	7	15	8	18	9	20	11	16
12	13	20	13	21	13	22	13	26	14	21	13	25	13	22	13	25	14	22	13	20	13	23	13	24
13	13	17	13	13	13	12	12	8.5	11	9.5	12	11	13	14	13	16	13	16	13	16	13	13	16	13
14	17	9.5	17	7.5	16	11	15	12	15	12	14	11	16	14	15	14	16	17	15	16	16	18	14	17
15	16	15	15	13	15	15	15	14	13	14	13	13	12	16	12	15	12	16	14	14	18	14	19	17
16	20	8.5	19	11	19	10.5	19	8.5	19	8.5	18	10.5	18	12	18	12	18	14	17	11	15	13	14	16
17	18	28	18	29	18	27	18	23	18	21	18	25	18	26	19	28	19	23	19	25	22	17	21	14
18	11	6.5	12	10.5	12	12	13	12	13	16	15	17	15	15	17	15	18	18	19	18	19	19	19	14
19	17	13	16	16	16	13	15	14	15	15	16	16	17	14	18	17	18	15	18	11	19	10.5	22	8.5
20	24	6.5	24	4.5	22	5.5	22	4.5	24	6.5	26	6.5	27	6.5	29	4.5	30	6.5	30	6.5	29	6.5	31	5.5
21	20	9.5	20	7.5	21	5.5	20	8.5	21	7.5	22	8.5	24	5.5	28	6.5	25	8.5	27	9.5	26	9.5	26	*
22	21	7.5	22	6.5	21	5.5	21	6.5	20	6.5	20	6.5	20	6.5	21	8.5	21	8.5	21	7.5	20	8.5	21	7.5
23	8	8.5	6	7.5	6	11	6	14	6	11	7	13	6	11	7	12	6	15	6	16	4	15	5	14
24	1	7.5	32	6.5	*	8.5	*	8.5	*	6.5	*	8.5	*	8.5	*	8.5	*	9.5	1	10.5	1	10.5	2	9.5
25	26	4	25	4.5	22	5.5	23	4.5	22	5.5	21	5.5	21	6.5	24	7.5	20	8.5	21	7.5	20	7.5	21	6.5
26	22	5.5	22	5.5	21	5.5	21	4.5	21	5.5	21	7.5	19	8.5	20	9.5	21	10.5	21	8.5	19	11	20	10.5
27	16	4	16	4	16	4	16	4	16	3	16	4	16	3	16	2	16	2	16	3	32	4.5	29	4.5
28	32	2	32	1.5	32	2	32	2	32	2	32	3	32	3	32	4.5	32	5.5	32	4.5	32	4.5	31	6.5
29	32	3	32	2	32	2	32	3	32	3	32	5.5	1	7.5	2	8.5	2	9.5	3	10.5	3	12	2	9.5
30	2	3	2	3	2	3	2	4	2	3	2	4	2	4	1	3	1	4.5	1	4.5	31	4.5	31	4.5
31	32	2	32	2	32	3	32	4	32	3	32	2	32	3	32	4.5	1	6.5	31	7.5	1	9.5	1	7.5

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	20	3	21	4	18	3	15	4.5	16	4	17	5.5	17	7.5	17	5.5	17	5.5	17	6.5	17	5.5	17	7.5
2	20	11	19	13	20	13	20	13	19	17	20	15	20	13	19	10.5	19	11	19	11	18	9.5	17	12
3	19	17	19	17	19	20	20	20	20	19	20	17	20	16	19	15	18	16	18	14	19	15	19	15
4	23	13	21	11	27	9.5	21	10.5	23	12	20	7.5	20	5.5	20	8.5	19	8.5	16	7.5	16	5.5	17	10.5
5	17	14	15	14	14	13	14	16	12	17	11	10.5	10	9.5	11	12	11	7.5	14	8.5	11	8.5	9	7.5
6	9	13	11	14	9	15	8	11	11	17	11	16	11	16	12	19	12	22	13	19	13	18	14	17
7	26	4.5	32	6.5	3	12	2	12	5	10.5	2	7.5	2	7.5	2	5.5	2	4.5	2	6.5	3	7.5	5	7.5
8	6	12	6	13	5	14	6	15	6	12	6	14	6	12	6	13	5	13	5	14	5	10.5	5	11
9	9	13	8	17	9	15	10	13	8	12	8	11	8	12	8	8.5	9	12	10	13	9	8.5	9	4
10	7	11	8	18	8	15	8	14	7	12	7	6.5	12	12	11	10.5	9	10.5	11	14	10	16	11	18
11	13	18	11	14	12	18	11	18	13	21	13	22	12	20	12	17	12	20	12	21	12	22	13	22
12	13	25	13	26	13	27	13	28	13	24	13	19	12	24	13	22	13	19	13	20	13	17	13	19
13	15	14	14	15	13	17	14	17	14	9.5	21	6.5	21	3	21	4.5	17	10.5	17	11	17	11	17	8.5
14	13	16	16	18	17	16	17	14	16	15	16	15	16	16	16	16	16	13	16	14	16	15	16	14
15	19	9.5	20	11	21	9.5	20	7.5	20	8.5	26	4.5	21	4	21	4.5	17	10.5	18	10.5	19	12	19	11
16	12	22	13	22	13	23	13	27	14	25	17	14	17	20	16	17	16	20	17	21	17	21	17	23
17	20	17	20	14	21	12	20	12	19	11	20	8.5	19	6.5	15	6.5	15	8.5	14	8.5	15	8.5	15	12
18	20	16	19	18	19	12	18	15	19	11	17	13	17	11	19	13	19	5.5	17	9.5	16	13	17	13
19	26	8.5	26	11	26	10.5	26	10.5	25	11	24	11	25	11	26	10.5	26	10.5	27	8.5	25	6.5	25	6.5
20	29	6.5	27	3	28	5.5	29	7.5	30	6.5	28	7.5	29	6.5	27	4.5	23	5.5	23	4.5	21	6.5	21	8.5
21	28	*	27	11	28	11	27	12	27	10.5	26	9.5	27	8.5	27	7.5	26	4	24	5.5	21	7.5	21	5.5
22	19	7.5	20	9.5	19	9.5	17	9.5	17	4	19	4.5	14	5.5	17	6.5	16	6.5	14	5.5	12	9.5	12	8.5
23	4	13	5	14	4	14	3	11	2	10.5	2	11	2	8.5	2	8.5	3	8.5	2	6.5	3	7.5	3	7.5
24	3	8.5	3	6.5	29	4.5	29	8.5	29	6.5	31	4.5	30	4.5	28	6.5	28	4.5	28	5.5	28	5.5	28	4.5
25	20	5.5	21	4.5	20	4.5	20	5.5	21	6.5	31	3	31	2	31	2	31	3	24	4.5	23	4.5	23	4.5
26	24	5.5	20	7.5	27	6.5	21	6.5	22	3	24	4	16	8.5	16	5.5	16	4.5	16	5.5	16	4	16	4
27	32	4.5	5	9.5	7	7.5	28	6.5	28	4.5	30	4	30	3	30	3	32	4.5	32	3	32	3	32	2
28	32	6.5	3	7.5	31	7.5	1	7.5	1	9.5	1	8.5	32	6.5	32	5.5	32	4.5	32	4	32	3	32	3
29	3	7.5	1	7.5	32	4.5	1	6.5	1	5.5	3	6.5	2	6.5	1	5.5	2	4	2	3	2	2	2	3
30	32	4	32	4.5	1	4	32	4	32	4	32	5.5	1	4.5	32	5.5	32	4	32	3	32	4.5	32	4
31	32	7.5	1	8.5	3	6.5	31	6.5	1	8.5	2	8.5	2	7.5	1	4.5	2	5.5	2	4	2	4	2	3

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.060	.010	.	.	.	.
2	.	.010	.	.	.	.	.	.	.	.	.	.	.060	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.040	.060	.060	.070	.010	.020	.010	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.
8	.	.	.020	.070	.070	.060	.040	.050	.090	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.050	.060	.180	.050	.
11	.	.	.	.	.010	.	.	.010	.020	.050	.110	.120	.020	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.010	.	.010	.	.	.	.	.	.	.	.020	.005	.005	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.120	.020	.	.	.060	.040	.010	.	.020	.	.	.
15	.	.	.	.	.	.	.050	.030	.060	.020	.	.	.010	.050	.	.040	.140	.060	.010	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.050	.030	.010	.010	.	.	.	.010	.	.
17	.	.	.010	.	.	.	.	.	.	.	.020	.	.	.	.	.	.	.	.	.	.010	.	.010	.
18	.	.	.070	.040	.050	.	.	.	.	.	.	.	.	.	.	.020	.010	.050	.	.070	.010	.	.	.
19	.	.	.	.010	.010	.050	.	.	.020	.060	.050	.040	.030	.010	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.010	.020	.	.	.	.060	.040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.010
23	.020	.070	.020	.020	.070	.010	.010	.070	.020	.	.010	.020	.030	.050	.010	.010	.010	.010	.070	.	.010	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.010	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.040	.010	.	.020	.010	.	.	.	.
27	.010	.	.	.	.010	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
.010	.030	.090	.170	.150	.220	.130	.170	.200	.210	.150	.190	.180	.280	.160	.075	.195	.310	.240	.240	.160	.130	.200	.060	.010

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.360	.358	.360	.358	.357	.356	.367	.372	.382	.389	.388	.395	.403	.393	.409	.395	.391	.394	.449	.440	.406	.388	.386	.384
2	.380	.365	.331	.337	.342	.344	.357	.352	.352	.397	.385	.390	.400	.397	.329	.311	.293	.272	.260	.250	.265	.266	.267	.264
3	.274	.277	.277	.283	.278	.275	.291	.303	.306	.297	.280	.293	.297	.287	.292	.274	.281	.265	.272	.279	.274	.284	*	*
4	...	...	...	...	*	...	...	...	...	†.293	.318	.295	.308	.335	.310	.309	.286	.305	.326	.312	.305	.298	.302	.296
5	.290	.290	.278	.280	.283	.292	.312	.323	.322	.313	.322	.325	.338	.336	.363	.347	.315	.288	.309	.291	.299	.278	.284	.276
6	.285	.282	.288	.281	.295	.305	.304	.313	.316	.312	.325	.336	.328	.357	.377	.409	.409	.404	.404	.406	.391	.388	.378	.377
7	.362	.349	.358	.348	.353	.350	.306	.298	.316	.332	.301	.289	.294	.308	.367	.375	.385	.379	.387	.373	.366	.379	.357	.337
8	.351	.342	.353	.361	.347	.344	.331	.330	.332	.333	.330	.322	.319	.308	.321	.325	.307	.307	.298	.293	.281	.281	.265	.256
9	.255	.255	.257	.243	.238	.245	.248	.241	.253	.266	.273	.270	.283	.284	.298	.305	.311	.320	.308	.312	.310	.306	.303	.298
10	.294	.293	.306	.301	.301	.300	.298	.306	.304	.312	.311	.314	.335	.336	.339	.350	.355	.370	.361	.382	.394	.400	.396	.379
11	.361	.357	.342	.323	.314	.320	.328	.339	.337	.353	.351	.366	.390	.402	.404	.395	.378	.366	.370	.359	.353	.342	.350	.366
12	.360	.361	.357	.358	.363	.360	.361	.360	.381	.377	.383	.392	.369	.351	.362	.345	...	...	*	...	...	†.347	.348	.351
13	.353	.360	.360	.355	.345	.358	.349	.347	.344	.343	.362	.340	.337	.360	.369	.378	.391	.366	.380	.368	.338	.344	.340	.335
14	.328	.324	.327	.340	.333	.335	.337	.350	.341	.343	.330	.356	.401	.360	.358	.368	.379	.349	.358	.347	.348	.344	.336	.332
15	.331	.332	.330	.318	.327	.333	.339	.341	.348	.359	.372	.370	†.370	.377	.386	.384	.384	.366	.377	.361	.345	.352	.351	.344
16	.310	.315	.281	.276	.274	.274	.285	.296	.299	.295	.288	.294	.296	.341	.347	.364	.378	.397	.345	.356	.352	.363	.342	.335
17	.321	.329	.336	.332	.324	.321	.337	.346	.355	.359	.411	.353	.365	.322	.346	.369	.359	.350	.368	.386	.388	.368	.350	.337
18	.338	.359	.378	.385	.391	.400	.413	.413	.394	.361	.370	.361	†.334	†.304	†.336	†.324	.309	.301	.289	.315	.309	.311	.306	.293
19	.293	.297	.293	.307	.306	.322	.332	.343	.369	.350	.358	.384	.370	.349	.328	.339	.319	.322	.330	.313	.289	.293	.297	.290
20	.283	.272	.273	.275	.255	.253	.260	.250	.247	.247	.268	.236	.255	.256	.254	.209	.227	.203	.209	.214	.221	.229	.239	.236
21	.236	.237	.248	.236	.240	.245	.246	.235	.263	.244	.241	.247	.252	.231	.226	.228	.245	.250	.239	.233	.248	.245	.251	.245
22	.237	.254	.254	.257	.246	.262	.278	.272	.286	.284	.284	.285	.286	.294	.285	.284	.311	.304	.319	.300	.295	.301	.299	.299
23	.297	.299	.296	.294	.296	.302	.308	.307	.318	.325	.330	.335	.338	.334	.332	.332	.335	.332	.330	.328	.322	.320	.321	.307
24	.309	.301	.287	.288	.286	.279	.275	.289	.294	.309	.303	.308	.315	.304	.314	.305	.306	.283	.299	.281	.288	.281	.280	.287
25	.275	.252	.252	.252	.246	.270	.283	.290	.288	.284	.282	.293	.298	.309	.305	.321	.327	.320	.331	.335	.325	.303	.299	.299
26	.299	.299	.308	.289	.275	.294	.307	.303	.302	.297	.297	.311	.336	.310	.307	.327	.325	.321	.321	.325	.327	.322	.308	.306
27	.308	.291	.280	.277	.288	.307	.315	.309	.315	.316	.318	.319	.300	.314	.315	.289	.302	.283	.298	.297	.303	.298	.289	.298
28	.306	.295	.306	.297	.307	.317	.321	.312	.305	.312	.310	.306	.305	.333	.297	.309	.315	.321	.296	.307	.292	.288	.278	.277
29	.297	.298	.298	.308	.305	.309	.308	.318	.325	.332	.340	.342	.335	.335	.345	.338	.344	.342	.325	.297	.276	.277	.275	.276
30	.257	.256	.248	.244	.250	.266	.296	.310	.287	.307	.297	.303	.315	.303	.321	.333	.317	.312	.285	.300	.277	.298	.288	.280
31	.267	.268	.260	.250	.251	.273	.292	.288	.298	.279	.269	.278	.276	.290	.291	.290	.278	.260	.265	.254	.255	.261	.255	.254

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W

HOURLY VALUES May 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·394	29·392	29·392	29·384	29·394	29·402	29·404	29·411	29·413	29·416	29·416	29·416	29·412	29·418	29·418	29·418	29·418	29·436	29·448	29·468	29·472	29·487	29·497	29·508	1
2	·508	·513	·510	·512	·520	·527	·531	·539	·548	·558	·561	·563	·550	·563	·559	·557	·559	·587	·595	·618	·621	·635	·638	·641	2
3	·644	·649	·661	·663	·669	·671	·667	·669	·671	·669	·659	·659	·641	·631	·621	·621	·613	·602	·603	·603	·592	·587	·581	·575	3
4	·677	·671	·683	·696	·695	·613	·625	·651	·649	·667	·686	·694	·708	·720	·728	·730	·746	·756	·766	·777	·791	·792	·787	·784	4
5	·792	·788	·796	·784	·792	·791	·794	·789	·788	·784	·784	·774	·764	·743	·730	·724	·715	·710	·714	·710	·700	·700	·692	·693	5
6	·684	·668	·650	·644	·634	·632	·632	·620	·610	·582	·563	·547	·529	·505	·483	·461	·441	·437	·437	·429	·421	·442	·442	·447	6
7	·441	·435	·435	·441	·453	·467	·487	·509	·531	·542	·555	·563	·570	·571	·574	·575	·571	·570	·575	·584	·594	·597	·597	·613	7
8	·610	·605	·608	·599	·603	·618	·619	·629	·643	·665	·675	·679	·681	·691	·711	·712	·729	·741	·743	·759	·771	·778	·773	·777	8
9	·789	·791	·789	·783	·781	·773	·769	·765	·773	·769	·774	·770	·760	·752	·744	·738	·738	·742	·750	·759	·766	·765	·762	·756	9
10	·752	·750	·742	·732	·728	·720	·720	·720	·713	·698	·698	·679	·660	·642	·625	·609	·592	·596	·598	·598	·600	·592	·586	·580	10
11	·574	·560	·558	·544	·526	·508	·500	·506	·490	·463	·436	·414	·390	·382	·364	·372	·372	·376	·378	·372	·390	·392	·402	·400	11
12	·390	·385	·376	·378	·376	·376	·376	·388	·388	·384	·389	·383	·383	·381	·367	·351	·339	·333	·335	·343	·343	·350	·355	·357	12
13	·347	·329	·311	·295	·283	·277	·259	·245	·235	·217	·208	·206	·206	·196	·176	·168	·162	·159	·164	·164	·172	·165	·154	·142	13
14	·134	·118	·110	·103	·096	·092	·092	·078	·076	29·064	29·065	29·061	29·048	29·035	29·023	29·013	29·009	29·002	29·005	·001	·013	·025	·030	·037	14
15	·046	·047	·043	·043	·041	·048	·043	·039	·023	28·999	28·983	28·969	28·953	28·935	28·921	28·921	28·931	28·951	28·981	·021	·039	·061	·071	·091	15
16	·107	·123	·146	·179	·215	·247	·275	·301	·327	29·352	29·365	29·369	29·366	29·346	29·341	29·309	29·267	29·206	29·171	·137	·129	·129	·133	·131	16
17	·127	·127	·113	·121	·129	·147	·169	·181	·191	·216	·255	·293	·348	·399	·449	·495	·537	·545	·573	·597	·628	·637	·637	·637	17
18	·639	·633	·609	·581	·547	·523	·491	·464	·425	·389	·368	·358	·350	·344	·328	·338	·330	·340	·342	·364	·368	·356	·350	·344	18
19	·334	·320	·316	·300	·296	·286	·270	·248	·230	·213	·192	·183	·170	·160	·196	·212	·238	·274	·306	·336	·356	·380	·400	·410	19
20	·420	·414	·431	·462	·490	·514	·538	·554	·560	·555	·569	·583	·597	·607	·597	·599	·593	·594	·591	·595	·593	·581	·567	·551	20
21	·541	·519	·503	·491	·473	·467	·471	·485	·483	·497	·509	·509	·527	·527	·515	·516	·507	·517	·515	·523	·538	·551	·555	·559	21
22	·579	·585	·587	·601	·603	·605	·617	·619	·619	·605	·603	·601	·595	·588	·579	·567	·561	·543	·533	·527	·517	·505	·490	·469	22
23	·443	·415	·387	·361	·349	·329	·311	·287	·260	·240	·231	·213	·201	·189	·187	·181	·175	·171	·167	·169	·177	·177	·177	·173	23
24	·173	·171	·171	·177	·178	·189	·196	·201	·207	·217	·225	·224	·210	·242	·238	·241	·245	·247	·263	·267	·285	·290	·287	·293	24
25	·291	·289	·289	·295	·305	·317	·323	·333	·339	·346	·340	·346	·346	·350	·352	·358	·363	·366	·374	·394	·406	·467	·416	·418	25
26	·423	·422	·418	·412	·412	·414	·414	·416	·420	·414	·418	·414	·412	·419	·408	·404	·402	·408	·414	·428	·436	·435	·434	·444	26
27	·437	·439	·433	·430	·434	·451	·453	·462	·471	·476	·473	·477	·473	·481	·485	·499	·501	·514	·528	·543	·563	·577	·579	·584	27
28	·591	·599	·606	·615	·627	·647	·663	·679	·684	·689	·683	·691	·687	·697	·703	·733	·748	·755	·773	·787	·803	·824	·839	·853	28
29	·861	·867	·871	·875	·889	·900	·922	·932	·941	·943	·944	·953	·940	·951	·944	·941	·946	·938	·948	·953	·957	·966	·960	·962	29
30	·964	·958	·950	·946	·944	·944	·938	·932	·928	·912	·911	·901	·892	·886	·878	·876	·874	·873	·866	·869	·878	·878	·880	·879	30
31	29·878	29·868	29·867	29·863	29·867	29·866	29·867	29·856	29·850	29·836	29·826	29·816	29·804	29·796	29·792	29·784	29·780	29·782	29·786	29·796	29·810	29·816	29·822	29·832	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	43·2	43·4	43·6	43·7	44·0	44·6	45·8	47·0	49·8	51·3	52·4	55·0	58·4	60·9	62·1	62·9	64·7	61·2	57·7	53·6	51·2	50·7	49·0	48·5	1
2	48·8	48·7	47·6	48·3	48·1	49·2	51·1	53·3	55·9	54·9	54·5	56·0	58·8	57·0	57·2	57·4	55·3	51·2	51·1	50·2	50·3	49·9	49·0	48·5	2
3	46·0	44·6	44·7	44·6	43·7	44·6	48·0	49·6	50·6	52·7	55·2	55·1	57·9	58·8	58·9	53·4	54·0	53·7	51·0	50·4	50·7	50·4	50·5	49·4	3
4	48·7	48·0	45·4	44·6	43·6	46·8	47·0	47·9	48·9	51·0	52·1	52·5	52·9	52·3	51·9	52·6	53·5	53·9	52·6	52·4	50·1	49·3	49·0	48·6	4
5	47·8	47·3	46·2	45·9	45·2	46·2	49·0	53·5	56·6	58·6	60·8	61·5	63·4	64·1	65·2	66·0	64·3	63·7	58·9	56·4	54·0	53·5	53·2	53·1	5
6	53·4	51·1	51·2	51·0	49·1	50·3	53·0	56·4	58·5	60·8	62·3	63·8	62·3	62·8	63·5	63·1	62·6	59·2	55·2	52·8	49·9	50·2	49·7	48·7	6
7	48·8	48·4	48·1	47·9	48·0	48·1	48·4	48·5	48·8	48·9	49·0	49·2	50·0	50·9	51·9	51·0	49·9	49·2	48·7	48·2	47·9	46·5	46·1	46·1	7
8	45·8	45·9	45·7	45·1	45·1	45·5	46·3	46·7	47·5	47·0	47·9	47·9	47·6	47·1	46·5	46·7	46·2	45·9	45·7	45·3	45·3	45·1	44·6	44·2	8
9	44·1	43·5	43·4	43·2	42·8	43·2	44·1	46·6	47·3	48·5	49·7	50·8	52·0	52·1	53·5	52·5	51·7	50·6	47·7	45·4	43·7	42·9	41·8	41·1	9
10	40·7	39·9	38·2	37·8	38·0	40·0	43·9	44·7	46·9	47·6	49·2	51·3	54·1	54·8	55·3	55·0	54·7	53·1	51·4	49·5	48·5	47·9	47·3	47·1	10
11	47·4	46·6	46·3	45·8	45·1	45·3	46·0	47·1	48·9	50·0	50·8	51·1	50·3	48·3	47·8	47·3	47·1	47·0	47·8	47·5	46·7	47·1	46·5	46·8	11
12	46·8	45·9	45·8	46·6	47·4	48·2	53·7	52·9	53·6	56·9	57·6	59·2	61·7	61·3	63·5	64·9	65·8	62·9	62·3	60·5	59·2	58·6	53·8	55·0	12
13	53·2	52·6	52·8	52·4	52·6	52·3	53·4	55·9	56·8	55·3	57·9	57·0	54·4	54·3	55·9	56·3	57·6	57·2	55·6	54·0	52·3	52·1	52·5	52·8	13
14	52·7	51·6	51·5	51·2	51·0	51·9	52·8	54·1	56·0	58·8	57·1	52·1	57·9	60·8	59·1	58·1	55·5	55·9	54·6	53·3	53·0	51·9	51·6	50·2	14
15	50·6	50·3	50·5	50·5	50·7	52·1	53·1	55·1	54·7	55·0	53·4	51·8	52·5	52·8	56·0	56·2	55·9	53·3	51·7	51·1	50·8	50·9	50·7	50·1	15
16	50·1	50·3	50·2	49·5	49·1	49·9	50·9	51·9	54·1	54·9	55·0	55·3	55·9	55·9	54·7	53·3	56·3	55·7	52·9	53·0	52·2	53·7	53·8	53·7	16
17	53·0	53·5	53·2	52·8	52·9	53·1	53·0	54·3	55·4	55·6	56·2	56·2	57·9	58·3	59·0	59·5	59·5	58·0	56·1	54·0	52·9	51·2	50·8	52·2	17
18	51·8	51·7	51·9	52·4	51·2	50·5	51·2	51·8	52·6	53·3	56·0	58·7	62·6	63·1	62·3	59·6	60·2	54·8	53·0	51·0	50·2	49·6	49·0	48·8	18
19	48·3	48·0	47·9	47·8	48·2	49·3	50·9	51·8	50·8	53·9	54·1	56·2	55·7	55·9	53·0	54·5	52·3	54·5	53·9	51·5	49·3	49·1	48·3	48·5	19
20	48·9	47·2	45·3	43·9	44·2	44·0	43·5	45·2	44·4	47·0	40·9	43·1	42·0	44·2	46·8	46·0	46·8	50·0	47·9	44·8	42·6	42·8	41·2	40·8	20
21	40·7	39·3	38·8	39·5	40·0	41·0	36·8	40·0	42·9	45·5	45·9	47·8	46·5	45·9	48·0	47·9	46·9	45·5	45·4	45·1	44·9	44·8	44·8	44·6	21
22	43·9	44·1	42·9	43·3	42·9	44·0	45·9	48·1	48·0	52·9	52·8	51·8	51·9	52·0	51·9	51·4	52·8	51·8	50·9	49·0	47·2	47·1	46·1	46·3	22
23	48·0	47·5	47·0	45·2	45·4	46·2	47·9	49·0	49·5	51·9	51·2	51·9	52·7	51·8	51·1	49·9	49·2	47·4	47·4	47·1	46·6	46·1	45·8	45·1	23
24	46·3	46·5	45·9	45·7	45·8	46·1	46·9	48·0	48·8	49·5	51·1	50·5	53·1	46·3	48·0	49·1	49·0	48·0	48·2	44·8	46·1	46·0	45·5	45·3	24
25	44·5	43·8	40·5	39·9	39·9	41·8	46·9	49·6	51·4	52·0	54·8	55·4	55·9	56·0	57·1	55·7	55·9	56·7	53·9	51·1	47·6	46·1	44·1	42·8	25
26	41·1	40·5	41·9	43·3	44·8	45·1	48·0	49·1	46·9	50·3	52·0	52·0	54·5	53·1	54·9	57·2	57·0	56·2	53·3	50·4	48·1	46·2	46·3	46·9	26
27	46·1	44·8	45·2	46·0	47·0	46·4	46·5	46·8	49·2	49·3	52·6	54·8	56·9	55·0	53·6	54·1	54·2	55·9	53·9	52·5	51·0	50·0	48·4	47·0	27
28	46·1	46·0	45·5	45·2	45·3	45·0	47·9	49·9	52·2	54·8	56·2	55·2	59·1	57·9	54·5	52·4	50·1	51·2	51·9	51·3	50·2	49·1	47·9	46·4	28
29	49·2	49·2	49·4	48·9	48·9	50·1	50·9	52·1	54·1	53·7	53·7	55·7	55·7	55·7	59·2	60·9	59·8	60·3	58·5	57·6	56·5	55·8	55·0	54·9	29
30	45·6	45·0	43·5	42·7	43·7	46·7	50·6	53·3	55·2	57·3	57·2	58·5	60·9	61·2	61·9	61·9	60·1	59·2	59·5	57·8	55·7	53·8	52·2	50·9	30
31	50·0	49·1	48·2	47·3	47·0	48·1	50·2	52·7	55·1	57·0	57·8	57·9	60·1	59·8	60·8	63·0	62·5	61·8	57·0	53·2	50·0	48·5	47·1	46·1	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53'N. LONG: 4°18' W.

HOURLY VALUES May 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	2	11	3	11	3	8·5	3	8·5	3	6·5	3	4·5	3	7·5	2	6·5	2	4·5	2	5·5	32	4	32	3
2	22	4	22	3	22	4	22	4	22	4	22	4·5	31	5·5	6	4·5	16	8·5	15	8·5	15	6·5	14	12
3	16	5·5	15	6·5	15	6·5	16	7·5	16	7·5	16	5·5	16	9·5	16	16	16	15	16	16	16	24	16	23
4	16	24	17	23	19	25	20	21	20	21	19	23	19	19	18	19	19	22	19	21	18	25	20	22
5	15	5·5	15	5·5	15	2	23	3	23	2	18	3	18	3	17	9·5	16	11	16	16	16	15	17	15
6	4	6·5	4	7·5	4	6·5	4	8·5	2	11	3	9·5	4	9·5	6	15	5	20	7	23	7	27	7	19
7	3	21	2	18	2	20	2	20	2	17	2	16	2	17	2	15	2	12	32	10·5	2	16	2	11
8	1	23	2	20	3	20	3	25	2	24	2	21	2	23	2	26	2	23	3	24	3	23	3	25
9	4	17	4	15	5	15	4	15	2	14	3	15	3	18	4	21	4	20	4	22	3	21	4	20
10	5	11	4	5·5	4	4·5	4	4	3	5·5	2	5·5	3	11	3	11	3	13	2	13	3	14	2	14
11	3	21	2	19	2	23	2	24	2	26	2	25	2	30	3	23	2	31	2	25	2	29	3	32
12	4	13	4	12	3	15	4	11	3	11	3	10·5	8	10·5	5	10·5	6	8·5	11	13	15	10·5	12	12
13	5	9·5	2	8·5	3	10·5	3	10·5	3	12	2	16	2	16	2	18	3	14	2	17	6	15	9	18
14	12	11	12	7·5	9	5·5	9	4·5	10	6·5	11	8·5	11	7·5	14	13	14	16	13	17	11	18	14	17
15	16	12	16	11	16	11	16	10·5	15	10·5	15	9·5	14	12	13	13	12	14	10	10·5	11	13	11	13
16	19	9·5	19	11	19	16	20	14	21	15	19	18	19	19	19	19	19	19	19	18	19	20	19	15
17	15	22	16	25	16	29	16	29	16	27	16	28	17	22	17	24	17	26	18	30	19	36	21	29
18	16	4	11	7·5	11	4	8	9·5	7	11	7	12	6	13	6	13	7	13	7	13	16	19	17	20
19	19	10·5	18	11	19	9·5	18	12	18	9·5	17	10·5	17	14	17	15	16	10·5	14	9·5	19	17	19	17
20	22	10·5	23	19	25	16	24	8·5	27	6·5	32	10·5	1	7·5	1	4·5	15	7·5	16	8·5	32	12	5	11
21	21	8·5	20	10·5	18	8·5	21	14	22	16	22	12	26	13	24	13	24	19	24	20	26	26	25	24
22	24	11	24	18	24	15	22	9·5	21	9·5	24	10·5	21	13	24	10·5	27	9·5	27	14	24	13	22	14
23	10	5·5	9	7·5	9	6·5	7	7·5	6	8·5	7	10·5	6	10·5	7	12	6	15	8	16	5	17	6	19
24	4	11	2	9·5	3	10·5	2	10·5	3	11	3	13	4	13	4	17	5	18	5	14	5	14	8	9·5
25	8	3	8	4	8	4·5	8	4·5	8	4	16	4·5	22	7·5	24	9·5	25	10·5	27	7·5	24	11	25	13
26	22	2	22	4	20	4·5	20	1·5	20	2	20	1·5	18	4·5	20	7·5	27	4·5	21	7·5	22	20	19	13
27	10	3	2	4·5	4	5·5	4	6·5	6	6·5	26	4·5	2	4·5	30	4·5	1	6·5	6	4·5	2	4·5	6	4·5
28	2	4·5	2	1·5	2	3	2	1·5	2	3	2	2	2	4	7	7·5	7	8·5	7	9·5	5	8·5	4	8·5
29	6	5·5	5	7·5	8	6·5	8	4·5	8	4	6	5·5	3	4	7	4·5	7	6·5	6	5·5	3	4·5	5	4
30	24	7·5	24	5·5	24	4	24	5·5	24	6·5	23	5·5	23	6·5	21	5·5	25	6·5	24	8·5	26	6·5	24	8·5
31	5	10·5	4	9·5	3	8·5	4	7·5	3	4·5	3	4·5	3	5·5	5	6·5	6	5·5	3	4·5	29	4·5	7	4·5

DAYS	1		2		3		4		5		6		7		8		9		10		11		MIDT.	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	22	5·5	23	8·5	21	7·5	20	9·5	18	9·5	17	9·5	17	9·5	17	6·5	17	4	17	4·5	21	4	22	3
2	13	12	12	15	14	14	14	16	17	16	19	7·5	19	5·5	19	5·5	16	4	16	3	16	3	16	4
3	16	23	16	27	17	27	16	25	18	22	16	22	16	19	15	13	16	16	16	21	16	24	16	27
4	23	20	21	23	21	18	20	22	20	19	20	14	20	16	19	12	18	13	18	9·5	16	7·5	14	9·5
5	15	12	15	9·5	15	11	18	11	16	8·5	16	6·5	22	6·5	22	4·5	22	2	22	3	22	4·5	3	7·5
6	5	25	5	29	5	29	5	25	4	24	2	27	2	26	2	22	2	28	3	24	3	25	3	21
7	2	11	3	12	2	13	2	14	1	13	2	13	2	20	2	20	3	20	2	23	2	22	2	19
8	2	25	2	24	2	20	2	25	2	22	3	17	2	18	2	20	3	15	3	17	3	16	5	19
9	3	19	2	17	1	20	3	20	1	22	2	18	3	19	2	16	2	16	2	15	2	15	3	12
10	3	20	1	21	2	23	2	27	2	24	1	25	2	23	2	24	2	20	2	20	2	22	2	20
11	2	31	3	28	3	26	3	21	3	20	3	16	3	13	3	15	1	13	2	15	2	14	3	13
12	13	9·5	12	14	13	9·5	12	12	12	12	10	8·5	10	9·5	9	7·5	7	8·5	6	11	6	5·5	6	6·5
13	10	11	9	11	6	10·5	10	8·5	15	10·5	17	7·5	14	8·5	13	11	12	9·5	12	7·5	10	9·5	9	8·5
14	16	18	15	21	16	21	15	20	15	19	15	17	13	13	15	15	15	18	16	12	16	16	16	13
15	9	11	9	10·5	14	12	16	21	17	22	18	17	18	15	19	12	19	12	19	12	18	12	18	9·5
16	18	14	17	16	15	19	15	16	12	14	9	16	10	16	10	11	15	18	14	17	16	17	15	19
17	22	34	22	36	22	32	22	29	22	22	22	22	22	18	22	8·5	19	6·5	18	4·5	18	2	16	3
18	18	20	19	23	19	24	19	22	19	21	17	23	17	18	23	12	16	10·5	17	6·5	17	8·5	18	13
19	19	12	25	8·5	28	8·5	25	14	25	11	24	16	24	17	24	1[illegible]	22	10·5	23	7·5	22	6·5	22	8·5
20	5	6·5	7	4	26	4	24	4	27	6·5	24	10·5	25	10·5	24	14	23	12	20	13	21	11	22	12
21	24	20	22	23	23	28	24	27	24	25	24	25	23	27	23	23	22	24	22	17	22	17	24	20
22	25	13	24	14	23	11	20	14	19	14	19	13	19	13	20	7·5	19	4	19	3	19	4·5	12	4·5
23	5	20	5	23	6	20	5	21	5	21	5	19	5	20	5	18	5	14	5	13	5	12	4	12
24	7	8·5	29	10·5	28	2	11	4·5	12	5·5	12	5·5	32	5·5	7	4·5	8	3	8	3	8	2	8	3
25	24	15	25	16	24	17	24	15	25	13	25	15	26	11	25	9·5	25	8·5	24	8·5	22	8·5	22	4·5
26	21	20	20	15	20	16	20	17	21	14	20	14	20	11	19	8·5	20	5·5	20	4·5	20	4	10	4·5
27	18	4·5	15	5·5	10	12	10	8·5	11	6·5	11	4·5	14	4	9	8·5	10	4·5	10	4·5	10	4	2	4·5
28	2	6·5	32	5·5	28	9·5	6	15	5	12	7	8·5	7	4·5	7	4	7	6·5	7	6·5	6	7·5	6	7·5
29	28	4·5	25	5·5	25	7·5	25	8·5	25	9·5	25	11	25	11	24	9·5	24	4·5	24	6·5	24	6·5	24	7·5
30	24	10·5	24	10·5	24	14	25	10·5	28	11	31	6·5	1	4·5	28	6·5	28	6·5	32	8·5	4	12	4	12
31	1	5·5	4	6·5	2	6·5	4	6·5	5	10·5	5	10·5	5	13	5	13	4	12	4	11	4	12	4	10·5

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·003	·019	·018	·006	·002	·	·	·001	·001
3	·002	·	·	·001	·001	·001	·	·001	·001	·001	·	·	·	·	·	·	·	·	·001	·002	·001	·	·001	·001
4	·	·004	·032	·007	·	·001	·001	·001	·001	·001	·	·002	·004	·014	·008	·002	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
7	·010	·008	·010	·022	·020	·032	·016	·018	·090	·114	·109	·098	·037	·033	·002	·020	·002	·028	·023	·047	·019	·011	·010	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
11	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·050	·070	·040	·020	·	·	·	·	·	·
12	·	·	·	·	·	·	·	·	·021	·	·	·	·	·	·	·	·	·	·	·	·	·	·188	·002
13	·	·	·	·	·002	·	·001	·	·007	·	·	·008	·042	·029	·009	·002	·	·	·	·	·	·	·	·
14	·	·001	·001	·	·	·002	·006	·001	·	·	·	·040	·006	·	·004	·	·	·001	·	-	·	·	·001	·018
15	·035	·003	·002	·	·003	·006	·001	·	·002	·	·015	·054	·051	·050	·020	·020	·	·	·	·001	·001	·038	·005	·
16	·	·	·	·010	·010	·003	·002	·	·	·	·	·	·	·	·	·	·	·080	·020	·050	·001	·002	·003	·002
17	·002	·	·	·002	·002	·004	·002	·002	·002	·007	·005	·015	·	·	·	·	·	·	·	·	·	·	·	·
18	·	·	·	·	·070	·080	·046	·062	·047	·096	·040	·	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·007	·006	·007	·	·	·012	·	·098	·	·022	·008	·	·	·	·	·	·
20	·001	·001	·	·002	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
21	·	·040	·	·	·	·	·050	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
22	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·001	·001	·002	·002	·002	·	·	·	·	·
23	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·004	·004	·	·002	·010	·004	·001
24	·	·001	·001	·	·001	·002	·	·	·	·	·	·	·	·030	·082	·	·	·	·008	·060	·006	·	·	·001
25	·002	·001	·	·	·	·001	·001	·	·	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·
26	·	·	·	·	·	·	·	·014	·124	·047	·	·	·	·005	·	·	·	·	·	·	·	·	·	·
27	·	·	·004	·001	·	·012	·028	·	·	·	·057	·	·	·	·003	·	·002	·	·	·	·	·	·	·
28	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·090	·072	·004	·	·002	·	·	·
29	·	·	·	·	·001	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·002	·	·	·	·	·	·	·	·	·
31	·	·	·	·	·	·	·006	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·026	·052	·059	·050	·045	·111	·145	·160	·108	·301	·274	·226	·217	·152	·181	·279	·118	·147	·133	·068	·162	·032	·061	·213	·026
3	4	5	4	5	6	8	8	6	8	6	5	5	6	4	9	5	6	8	4	4	4	3	6	3

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·251	·251	·250	·249	·255	·256	·263	·273	·263	·271	·285	·309	·312	·333	·344	·345	·344	·359	·345	†317	·325	·321	·315	·311
2	·312	·309	·310	·306	·306	·308	·322	·341	·354	·358	·374	·386	·383	·374	·403	·350	·372	·348	·345	·327	·329	·328	·317	·313
3	·289	·278	·275	·262	·249	·254	·283	·289	·285	·284	·279	·281	·282	·279	·303	·293	·278	·291	·292	·303	·284	·280	·277	·283
4	·286	·290	·256	·263	·266	·273	·248	·262	·261	·271	·264	·274	·278	·304	·318	·290	·298	·299	·273	·270	·275	·278	·280	·287
5	·286	·283	·281	·270	·271	·270	·287	·292	·311	·330	·322	·327	·313	·345	·340	·354	·333	·326	·343	·317	·312	·319	·304	·291
6	...	...	...	...	*	...	...	...	...	†260	·280	·274	·290	·278	·287	·289	·292	·289	·301	·296	·287	·289	·290	·299
7	·305	·307	·306	·308	·312	·316	·322	·324	·322	·326	·325	·327	·329	·339	·339	·328	·318	·319	·314	·307	·308	·298	·293	·293
8	·289	·290	·281	·272	·270	·272	·281	·288	·285	·277	·282	·284	·288	·283	·270	·255	·246	·245	·245	·239	·232	·224	·220	·214
9	·204	·198	·190	·182	·193	·195	·202	·201	·209	·205	·213	·218	·242	·237	·234	·221	·223	·224	·221	·226	·221	·222	·223	·216
10	·214	·212	·208	·206	·203	·215	·226	·232	·240	·248	·261	·269	·289	·304	·302	·302	·306	·303	·299	·297	·299	·286	·276	·265
11	·247	·241	·230	·210	·217	·233	·250	·259	·271	·280	·285	·282	·275	·294	·298	·299	·300	·298	·300	·302	·297	·297	·295	·301
12	·301	·293	·291	·301	·300	·307	·324	·333	·355	·352	·395	·360	·378	·378	·374	·362	·344	·322	·327	·347	·335	·375	·353	·330
13	·347	·343	·343	·345	·348	·347	·347	·364	·377	·367	·373	·377	·357	·354	·364	·365	·335	·327	·320	·303	·305	·317	·312	·320
14	·325	·333	·325	·323	·328	·336	·345	·338	·340	·357	·324	·337	·319	·300	·351	·319	·323	·320	·327	·333	·320	·324	·313	·330
15	·327	·331	·326	·326	·326	·334	·319	·317	·309	·320	·322	·313	·327	·333	·370	·367	·336	·346	·342	·327	·323	·332	·334	·331
16	·328	·329	·330	·324	·307	·283	·284	·288	·305	·299	·282	·264	·284	·300	·257	·275	·301	·318	·320	·348	·356	·350	·354	·347
17	·345	·336	·322	·323	·321	·321	·342	·336	·333	·341	·363	·375	·341	·338	·332	·328	·311	·316	·314	·310	·314	·315	·311	·332
18	·333	·332	·334	·330	·340	·347	·350	·361	·372	·384	·425	·417	·410	·386	·382	·327	·317	·276	·304	·294	·296	·287	·294	·282
19	·284	·281	·286	·290	·295	·294	·310	·331	·311	·335	·331	·345	·363	·341	·309	·330	·334	·316	·309	·298	·296	·295	·299	·299
20	·299	·255	·237	·235	·244	·205	·220	·220	·222	·229	·202	·212	·214	·205	·188	·205	·199	·175	·182	·182	·183	·183	·213	·217
21	·216	·215	·205	·211	·211	·206	·202	·209	·196	·187	·175	·191	·202	·212	·222	·199	·203	·213	·224	·230	·232	·233	·233	·223
22	·223	·221	·222	·229	·226	·240	·243	·240	·243	·249	·246	·242	·243	·246	·245	·272	·261	·258	·271	·276	·284	·286	·277	·263
23	·261	·267	·264	·258	·253	·259	·262	·274	·267	·265	·270	·265	·268	·272	·267	·268	·279	·272	·268	·270	·275	·275	·279	·260
24	·241	·243	·256	·247	·235	·239	·238	·239	·243	·250	·248	·247	·254	·259	·285	·273	·278	·267	·279	·276	·264	·269	·270	·272
25	·273	·266	·243	·233	·233	·245	·276	·282	·279	·260	·259	·249	·257	·254	·278	·248	·249	·240	·244	·252	·247	·247	·239	·232
26	·231	·229	·242	·248	·255	·263	·285	·282	·283	·316	·283	·283	·268	·296	·283	·279	·273	·272	·270	·265	·264	·274	·272	·267
27	·266	·257	·271	·272	·275	·284	·288	·294	·308	·301	·281	·284	·288	·300	·299	·268	·295	·286	·289	·303	·297	·295	·286	·277
28	·284	·283	·272	·273	·270	·271	·284	·294	·306	·313	·317	·321	·299	·295	·284	·306	·311	·320	·324	·317	·305	·299	·308	·317
29	·317	·303	·303	·306	·304	·308	·305	·309	·311	·305	·320	·308	·323	·313	·330	·321	·314	·334	·339	·316	·306	·286	·278	·264
30	·263	·249	·248	·241	·245	·261	·291	·294	·291	·281	·277	·292	·312	·291	·320	·317	·298	·279	·281	·298	·319	·292	·292	·300
31	·300	·304	·302	·297	·277	·282	·291	·284	·292	·294	·225	·241	·256	·223	·239	·236	·242	·235	·244	·251	·241	·243	·248	·243

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG 2°6′ W

HOURLY VALUES May 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·550	29·541	29·533	29·522	29·517	29·523	29·523	29·526	29·530	29·526	29·524	29·531	29·53[illegible]	29·535	29·535	29·540	29·545	29·553	29·567	29·580	29·592	29·605	29·616	29·625	1
2	·626	·627	·631	·632	·636	·650	·657	·665	·670	·668	·664	·651	·64[illegible]	·658	·650	·644	·646	·649	·661	·670	·681	·698	·711	·724	2
3	·731	·737	·744	·751	·751	·758	·755	·755	·750	·749	·740	·730	·71[illegible]	·702	·685	·672	·669	·659	·660	·660	·647	·637	·632	·622	3
4	·605	·616	·625	·629	·632	·654	·667	·670	·675	·687	·702	·707	·72[illegible]	·728	·737	·748	·765	·785	·793	·816	·830	·838	·840	·843	4
5	·838	·842	·839	·843	·848	·853	·856	·865	·861	·854	·848	·852	·84[illegible]	·835	·825	·824	·832	·836	·841	·840	·855	·855	·857	·854	5
6	·853	·853	·850	·843	·835	·835	·839	·839	·843	·836	·828	·819	·81[illegible]	·799	·798	·778	·761	·754	·753	·749	·749	·735	·730	·727	6
7	·720	·717	·711	·697	·698	·710	·718	·725	·734	·737	·754	·764	·770	·775	·783	·790	·792	·794	·808	·815	·826	·831	·838	·840	7
8	·840	·837	·834	·834	·839	·845	·858	·874	·879	·889	·902	·910	·913	·919	·922	·931	·938	·948	·959	·968	·974	·978	·977	·973	8
9	·971	·970	·966	·958	·960	·963	·965	·971	·972	·968	·972	·971	·964	·960	·950	·945	·936	·930	·936	·940	·941	·936	·923	·910	9
10	·906	·891	·885	·877	·877	·880	·877	·880	·883	·883	·880	·872	·87[illegible]	·869	·856	·849	·844	·843	·841	·845	·849	·848	·842	·843	10
11	·838	·833	·831	·823	·818	·805	·811	·788	·781	·775	·763	·755	·73[illegible]	·721	·697	·676	·665	·654	·635	·622	·604	·591	·584	·574	11
12	·559	·556	·557	·559	·560	·562	·572	·577	·573	·575	·565	·565	·56[illegible]	·549	·545	·543	·534	·547	·534	·543	·547	·548	·538	·527	12
13	·522	·521	·505	·496	·492	·487	·477	·478	·477	·470	·457	·451	·43[illegible]	·415	·398	·383	·365	·355	·350	·337	·328	·322	·307	·293	13
14	·278	·265	·243	·235	·223	·220	·213	·203	·202	·199	·206	·198	·194	·191	·182	·174	·173	·168	·174	·169	·168	·170	·163	·164	14
15	·158	·160	·161	·166	·178	·191	·191	·195	·205	·204	·193	·182	·17[illegible]	·161	·138	·116	·103	·098	·094	·097	·100	·110	·120	·143	15
16	·165	·189	·210	·229	·264	·287	·307	·330	·360	·379	·406	·425	·44[illegible]	·451	·450	·453	·459	·435	·406	·394	·356	·284	·254	·265	16
17	·254	·254	·251	·241	·242	·244	·251	·247	·264	·281	·287	·291	·30[illegible]	·334	·366	·416	·466	·521	·570	·621	·679	·710	·734	·747	17
18	·755	·759	·759	·744	·729	·724	·699	·686	·661	·628	·587	·550	·510	·484	·450	·428	·402	·399	·385	·410	·418	·418	·416	·410	18
19	·401	·399	·377	·373	·377	·379	·369	·371	·362	·358	·341	·334	·32[illegible]	·326	·321	·321	·333	·344	·361	·394	·425	·456	·476	·499	19
20	·512	·526	·543	·570	·598	·620	·639	·651	·659	·673	·672	·671	·67[illegible]	·670	·665	·654	·644	·638	·630	·620	·610	·604	·590	·573	20
21	·557	·533	·522	·504	·504	·492	·484	·501	·481	·487	·474	·474	·468	·448	·423	·421	·415	·449	·473	·493	·513	·523	·543	·547	21
22	·564	·582	·591	·606	·617	·628	·640	·655	·664	·661	·659	·665	·661	·667	·666	·667	·635	·643	·634	·630	·632	·620	·610	·593	22
23	·575	·563	·542	·528	·513	·502	·495	·479	·463	·454	·438	·423	·415	·403	·391	·381	·374	·372	·367	·362	·359	·358	·358	·354	23
24	·348	·343	·337	·334	·334	·338	·346	·350	·348	·352	·354	·352	·349	·349	·353	·351	·350	·352	·366	·368	·377	·379	·384	·381	24
25	·380	·374	·377	·375	·382	·392	·395	·406	·412	·420	·424	·429	·437	·441	·444	·454	·463	·468	·483	·503	·512	·520	·520	·517	25
26	·515	·514	·511	·509	·514	·515	·513	·516	·515	·511	·511	·499	·48[illegible]	·485	·491	·470	·481	·525	·520	·528	·535	·539	·540	·543	26
27	·546	·547	·557	·561	·575	·586	·593	·606	·619	·626	·630	·633	·640	·648	·645	·654	·662	·669	·683	·698	·711	·721	·730	·731	27
28	·735	·743	·747	29·754	29·772	29·783	29·796	29·815	29·827	29·841	29·857	29·864	29·866	29·873	29·881	29·884	29·897	29·913	29·929	29·941	29·961	29·977	29·989	29·990	28
29	29·990	29·997	29·997	30·002	30·013	30·021	30·034	30·049	30·058	30·056	30·060	30·061	30·066	30·066	30·064	30·060	30·065	30·060	30·068	30·072	30·076	30·079	30·076	30·074	29
30	30·066	30·060	30·050	30·039	30·038	30·033	30·029	30·017	30·019	30·014	30·012	30·007	30·002	30·002	29·999	30·001	30·009	30·009	30·014	30·017	30·028	30·026	30·024	30·021	30
31	30·007	29·998	29·988	29·984	29·981	29·978	29·977	29·968	29·950	29·941	29·947	29·948	29·950	29·945	29·946	29·947	29·945	29·946	29·948	29·950	29·950	29·954	29·954	29·955	31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	42·3	42·9	42·4	42·6	42·9	43·0	43·4	44·5	45·3	46·2	47·0	45·5	48·0	47·0	46·1	46·7	46·6	47·7	47·0	46·6	47·1	47·2	47·2	47·5
2	47·5	46·4	46·4	46·1	46·3	46·1	47·2	48·5	49·1	48·0	47·5	51·6	59·5	56·2	57·7	57·9	57·7	58·0	52·6	56·4	52·7	54·2	52·1	49·8
3	47·5	47·1	45·3	44·9	46·0	46·8	48·0	51·4	54·1	52·3	54·7	55·3	56·7	56·4	56·0	55·6	59·2	56·6	55·8	53·2	51·6	50·8	50·2	48·4
4	48·9	49·4	48·7	47·4	46·4	48·0	50·3	51·9	52·0	53·1	55·6	55·4	56·6	57·6	57·7	57·4	56·7	55·0	54·3	53·0	51·6	50·5	49·7	49·8
5	49·7	49·0	47·7	45·7	46·7	51·4	54·2	55·2	57·9	59·7	63·1	62·4	56·5	60·4	60·5	59·5	59·0	58·0	55·1	52·8	51·8	51·8	51·2	49·5
6	47·7	45·9	44·8	43·8	44·1	49·0	51·4	52·0	52·2	54·1	55·1	54·1	52·2	50·0	49·7	49·7	48·7	48·4	46·7	46·0	45·5	45·7	45·3	45·3
7	45·3	45·0	45·4	45·3	46·0	46·8	47·9	48·5	48·8	49·4	50·1	50·0	50·5	50·7	50·1	45·6	44·7	44·7	44·7	44·9	44·9	44·6	45·5	45·2
8	45·6	45·5	45·3	45·1	45·0	45·0	45·0	44·8	44·9	45·7	46·2	46·6	46·3	45·8	45·6	45·6	45·1	44·8	44·8	44·5	44·6	44·3	44·1	43·8
9	43·0	42·7	42·7	42·7	43·1	43·8	44·6	45·3	45·5	46·1	46·4	47·2	47·0	47·1	47·2	48·0	48·4	48·2	46·2	44·3	44·4	44·0	43·8	43·7
10	43·6	43·4	43·5	43·6	43·7	44·0	46·0	46·1	46·4	47·0	48·2	49·2	49·4	49·8	49·1	47·6	47·1	46·9	46·7	46·2	46·0	45·4	44·7	44·0
11	44·4	44·2	44·1	43·3	44·3	45·7	47·1	47·2	47·6	48·0	48·7	49·3	48·5	47·9	48·0	47·7	48·0	46·5	45·7	45·5	45·8	45·7	45·9	46·1
12	46·3	46·3	46·7	46·2	45·3	44·9	44·6	45·4	46·0	45·6	50·3	49·0	50·1	56·2	54·7	56·3	57·6	50·3	51·5	50·1	49·4	47·3	47·1	46·2
13	45·7	47·1	47·3	46·6	46·7	46·8	47·0	47·0	46·1	46·0	46·3	46·7	46·5	46·7	46·5	46·2	46·2	46·6	46·2	46·2	46·0	45·7	46·0	45·8
14	45·5	45·4	45·3	44·6	45·8	47·7	49·3	51·6	53·9	56·1	56·8	56·8	58·5	56·8	57·8	56·1	56·6	53·7	51·3	51·0	51·1	50·6	49·8	49·7
15	49·1	49·0	48·3	47·9	50·1	51·2	53·7	53·7	54·6	55·6	55·0	52·6	51·9	50·4	48·2	47·9	48·6	49·4	50·3	49·9	50·9	49·5	48·7	50·2
16	49·4	48·6	48·4	48·2	50·0	52·8	54·4	55·6	53·7	57·8	60·1	60·3	62·0	62·1	61·7	59·0	56·1	53·8	53·6	49·8	48·1	47·9	49·3	49·6
17	49·6	49·9	49·4	49·3	50·2	51·4	51·2	50·5	52·7	53·0	56·9	58·3	59·0	58·6	60·2	61·6	61·2	59·8	59·1	56·5	54·2	51·4	50·3	47·4
18	46·5	45·4	43·0	45·0	47·3	51·6	50·4	48·0	50·3	48·9	47·1	48·4	49·5	50·8	52·0	51·0	56·0	56·5	54·8	51·4	51·4	51·3	50·1	49·8
19	49·3	48·0	48·4	47·4	47·3	48·3	50·7	53·4	54·2	55·2	57·0	54·9	52·4	55·0	55·0	53·9	51·4	50·9	50·7	49·6	48·4	47·5	47·1	46·2
20	44·8	44·1	43·0	41·2	39·1	37·9	36·5	37·4	38·1	39·8	41·0	43·8	43·8	44·1	45·6	47·1	46·2	49·4	47·6	46·0	44·6	43·8	40·5	39·2
21	39·3	39·1	37·1	37·0	38·1	39·9	41·6	39·5	43·6	44·4	45·4	45·8	44·6	44·3	45·3	44·3	44·0	39·0	38·4	37·7	38·1	39·5	39·6	40·3
22	40·4	40·5	40·8	41·5	41·4	42·6	43·7	46·2	47·6	48·4	50·0	51·0	52·4	49·4	49·1	46·6	47·6	46·7	47·4	45·9	45·4	44·9	43·7	41·9
23	40·2	39·1	38·9	39·2	39·7	42·2	44·6	46·2	47·0	47·0	46·6	47·4	47·7	48·1	48·7	48·8	48·4	48·2	47·1	46·6	46·2	46·2	46·0	46·0
24	46·1	46·1	45·7	45·7	46·4	46·8	47·5	47·8	48·7	49·0	49·0	48·6	48·7	49·3	48·2	47·8	48·0	50·1	50·1	48·0	44·8	42·4	41·0	40·2
25	40·0	40·0	38·7	40·0	41·3	45·9	45·6	48·1	49·4	50·3	51·0	53·2	53·1	54·0	54·3	53·7	52·2	51·0	52·3	49·8	49·0	47·6	45·6	44·5
26	42·6	41·3	39·4	40·3	41·2	46·8	50·0	50·5	50·8	53·6	52·7	53·0	54·9	54·6	52·5	53·8	52·6	47·4	48·0	48·3	48·3	47·0	46·1	44·8
27	44·0	43·5	41·8	39·4	42·8	46·3	51·0	49·8	50·0	50·2	51·4	50·4	51·6	52·4	52·9	52·5	53·0	51·7	51·1	49·9	50·0	49·2	49·0	49·1
28	48·7	49·0	48·7	48·4	49·3	49·0	49·3	49·2	49·1	49·3	49·4	49·3	50·2	49·2	49·4	49·4	49·7	49·9	49·9	49·4	49·0	48·2	48·0	48·0
29	48·3	48·6	48·6	48·7	48·5	49·0	49·7	50·1	51·1	52·6	54·6	53·4	51·4	50·6	51·6	52·0	52·3	53·4	52·7	50·1	49·7	48·3	47·8	47·4
30	47·3	46·4	46·3	48·0	48·8	49·9	51·6	52·3	53·4	54·4	53·0	55·1	55·1	55·0	56·0	55·6	53·1	53·4	53·2	50·8	47·9	45·0	44·5	44·1
31	43·5	42·4	46·9	41·0	42·5	45·0	46·0	48·5	49·4	51·0	51·4	51·3	51·2	51·7	51·2	51·3	51·5	50·0	49·2	46·6	45·2	43·5	41·4	40·6

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
42·2	42·8	42·4	42·6	42·9	43·0	43·4	44·0	44·7	45·4	46·5	45·4	47·4	46·8	46·0	46·4	46·3	47·1	46·6	46·3	46·4	46·8	46·9	47·2	1
47·0	45·7	45·9	45·6	46·0	45·8	46·3	46·8	47·5	47·0	46·4	49·3	54·4	52·3	54·0	54·1	54·5	54·0	50·9	53·2	50·6	48·8	47·3	46·1	2
45·1	43·6	42·6	42·2	43·1	43·7	45·1	47·6	49·6	48·8	50·0	50·0	50·7	50·0	49·9	49·6	49·2	48·4	48·6	47·2	46·2	46·0	46·5	46·0	3
45·7	45·9	46·2	44·4	43·4	43·6	44·3	44·4	44·0	45·0	46·1	45·2	46·3	47·5	45·6	46·3	47·6	48·5	47·5	47·7	46·5	46·0	45·7	46·1	4
46·2	45·7	44·6	43·0	43·8	46·7	48·6	48·8	50·5	50·6	53·5	53·4	50·6	51·9	52·4	52·1	51·1	50·2	49·7	47·6	47·5	47·6	47·7	46·9	5
45·9	44·7	43·5	43·0	43·6	47·1	48·5	48·6	48·4	49·7	49·9	48·5	48·6	47·4	47·4	47·4	46·7	46·5	45·5	45·0	44·8	44·6	44·3	44·2	6
44·0	43·9	44·1	44·0	44·6	45·1	45·8	46·2	46·1	46·5	47·1	47·0	47·0	48·0	47·7	45·3	44·7	44·4	44·2	44·1	43·9	44·2	44·5	44·4	7
44·6	44·7	44·6	44·5	44·6	45·0	45·0	44·4	44·6	44·7	44·4	44·0	43·8	42·9	43·0	42·7	41·7	41·5	41·0	40·4	41·2	40·3	40·1	39·7	8
40·6	39·7	38·4	39·4	38·7	38·7	39·1	39·4	39·8	40·5	40·2	40·8	40·9	41·8	42·4	43·4	42·2	42·6	41·4	40·4	40·0	39·5	39·7	39·7	9
39·6	39·9	40·1	40·2	40·3	40·6	42·1	42·3	42·4	42·8	43·6	44·4	44·6	45·9	45·6	45·0	45·1	45·2	45·1	44·9	44·8	44·1	43·4	42·7	10
43·0	43·0	42·4	41·6	42·9	43·8	44·6	45·0	45·2	45·6	46·0	46·2	45·7	45·4	45·3	45·0	45·1	44·6	44·5	44·7	45·0	45·0	45·2	45·3	11
45·6	45·8	46·1	45·7	45·1	44·9	44·6	45·4	46·0	45·6	48·7	48·1	49·0	53·2	51·8	52·6	53·0	48·6	49·4	48·3	47·5	46·3	46·3	45·6	12
45·0	46·5	46·6	46·3	46·6	46·7	46·8	47·0	46·1	46·0	46·3	46·5	46·5	46·7	46·5	46·2	46·2	46·6	46·2	46·2	46·0	45·7	46·0	45·8	13
45·5	45·4	45·3	44·6	45·4	47·4	48·6	50·1	51·3	52·4	53·0	52·7	53·0	51·6	52·0	51·8	51·7	50·2	48·6	48·5	47·4	47·8	47·6	47·5	14
47·4	47·4	47·2	47·0	48·4	49·4	50·9	50·4	50·9	51·3	51·0	49·7	50·1	49·0	47·7	47·5	48·1	48·6	49·0	48·1	48·5	47·9	47·6	48·0	15
47·1	46·7	46·5	45·4	47·2	49·6	51·4	51·4	50·8	50·5	50·3	50·4	51·7	51·7	52·3	50·6	49·5	48·1	47·1	46·3	46·6	47·4	48·6	48·4	16
48·4	48·4	48·0	47·9	48·1	49·5	49·1	48·6	50·0	50·2	51·7	53·0	53·2	53·7	51·6	51·8	52·0	51·4	50·5	49·3	48·3	46·4	46·0	44·6	17
43·7	42·6	41·3	42·1	44·8	47·5	47·4	47·1	48·9	48·1	47·0	48·0	49·3	50·3	51·1	50·3	54·1	54·0	48·6	48·3	48·2	46·9	46·4	46·4	18
46·4	45·1	45·1	45·2	45·2	46·0	47·0	48·5	48·6	49·3	50·6	50·7	49·8	51·4	51·0	50·7	49·4	48·7	48·6	47·7	46·4	45·3	45·2	45·0	19
44·0	42·6	41·9	40·0	38·4	37·2	36·3	36·7	36·9	37·2	37·6	37·3	38·4	38·4	38·3	39·8	39·1	41·5	41·0	40·7	40·0	38·5	37·1	35·9	20
35·8	35·8	34·7	34·8	36·0	36·6	37·2	36·4	37·1	37·3	37·5	38·9	39·4	39·3	40·6	40·7	40·1	38·5	38·2	37·3	37·6	38·9	39·0	39·2	21
39·4	39·3	39·4	40·3	40·4	40·4	40·7	42·1	42·7	42·7	44·1	44·3	45·1	44·2	44·8	44·8	45·6	45·0	45·0	44·6	44·5	44·0	43·2	41·3	22
40·2	39·0	38·8	39·2	39·6	41·6	43·5	45·0	45·4	46·1	45·4	46·2	46·9	47·0	47·4	46·0	47·0	46·6	46·2	46·1	45·8	45·7	44·8	43·9	23
44·7	44·5	44·3	44·4	44·1	43·9	44·6	44·2	44·0	44·6	45·4	45·0	45·0	45·2	44·0	43·8	44·4	44·9	44·5	43·7	42·1	40·8	40·0	39·3	24
39·2	39·2	38·1	39·0	40·2	43·4	43·3	43·6	44·2	45·0	44·9	45·4	45·7	46·3	47·4	46·7	46·2	46·9	47·3	45·9	45·8	45·6	44·0	43·3	25
41·8	40·7	39·0	40·0	40·7	45·0	47·1	47·2	47·1	48·4	48·5	48·4	49·3	49·5	47·8	50·0	48·4	46·5	46·0	46·8	47·2	45·7	45·1	43·6	26
43·0	42·6	41·6	39·3	42·2	45·0	49·0	47·4	47·6	48·0	49·0	48·5	50·0	49·6	49·3	49·3	50·4	50·0	49·6	49·0	49·0	48·9	48·5	48·4	27
48·3	48·7	48·4	48·1	48·7	48·4	48·7	48·8	48·7	48·7	48·7	48·5	49·1	48·4	48·3	48·1	48·6	48·6	48·3	47·8	47·4	46·7	46·7	46·9	28
46·4	46·2	46·6	46·4	46·4	46·8	46·1	46·3	47·0	47·8	48·7	49·0	48·6	48·5	48·5	48·6	48·2	49·6	49·0	47·4	47·1	46·4	46·2	46·1	29
45·5	45·0	44·9	45·9	46·4	47·0	47·2	47·0	47·9	48·4	48·8	50·0	49·6	49·6	49·2	48·0	46·1	46·0	45·8	44·4	43·6	42·6	42·3	42·1	30
41·6	40·4	39·7	40·0	40·4	41·3	41·7	42·4	43·0	43·9	45·0	44·2	44·0	43·9	45·5	45·0	44·5	44·1	44·3	43·6	42·5	41·3	39·8	39·5	31

† Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10′ N. LONG: 2°6′ W. HOURLY VALUES May 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W, 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	13	4	13	5·5	9	7·5	9	6·5	9	5·5	9	6·5	3	4	1	6·5	1	5·5	32	6·5	32	6·5	2	7·5
2	32	2	32	2	32	1·5	32	2	32	2	32	4	32	5·5	11	8·5	11	8·5	11	11	11	11	11	12
3	22	5·5	22	6·5	21	6·5	21	7·5	20	6·5	19	6·5	19	5·5	16	9·5	15	15	14	17	15	19	15	15
4	17	14	19	14	20	4·5	20	5·5	20	6·5	20	11	19	11	21	15	22	19	23	16	23	17	22	16
5	18	5·5	18	6·5	18	8·5	18	9·5	20	8·5	20	7·5	20	4·5	16	5·5	16	7·5	14	13	14	15	14	16
6	16	4	16	4	16	4	16	3	16	3	16	9·5	14	12	14	17	14	17	14	15	13	22	13	24
7	10	12	11	8·5	11	8·5	11	8·5	9	8·5	9	4	10	5·5	7	9·5	6	9·5	8	8·5	6	9·5	7	8·5
8	7	10·5	6	14	6	16	5	17	5	19	5	16	7	20	7	16	10	13	8	11	8	20	8	16
9	9	10·5	10	9·5	10	12	10	11	11	8·5	11	11	12	11	13	13	12	14	12	14	12	17	11	14
10	15	9·5	15	7·5	15	10·5	15	10·5	15	8·5	14	11	14	12	14	15	14	13	14	15	14	17	13	17
11	13	13	14	12	14	13	13	15	13	14	12	15	12	15	12	19	11	25	12	22	11	29	11	24
12	13	8·5	13	4	19	4	19	3	14	6·5	14	8·5	14	7·5	14	7·5	14	8·5	14	8·5	14	11	14	16
13	8	4	8	4	12	7·5	8	4·5	10	5·5	12	8·5	12	6·5	12	11	12	13	12	12	12	15	12	13
14	15	6·5	16	4	16	4·5	12	4·5	12	5·5	12	3	12	4·5	17	8·5	16	14	14	18	14	19	14	18
15	15	16	15	15	15	12	14	8·5	14	7·5	15	13	15	15	16	19	14	22	14	19	14	18	13	22
16	17	10·5	18	8·5	17	13	18	6·5	18	7·5	16	9·5	14	10·5	17	9·5	14	9·5	19	12	19	14	22	13
17	15	15	15	12	16	7·5	15	6·5	16	10·5	16	9·5	14	19	14	20	14	15	17	11	18	19	18	21
18	19	4	19	4	19	4	19	2	19	3	19	4·5	19	4·5	13	7·5	13	11	14	8·5	9	7·5	12	13
19	18	13	18	15	19	10·5	17	5·5	17	3	17	6·5	18	10·5	19	12	18	14	19	11	17	12	14	15
20	1	13	2	12	31	14	29	15	28	18	28	16	27	14	28	14	27	13	29	13	28	15	27	16
21	20	14	20	11	20	11	20	9·5	20	5·5	24	13	24	19	26	20	24	24	26	25	25	29	24	27
22	26	21	26	19	25	15	26	15	25	17	24	16	25	22	25	23	25	21	26	21	26	15	26	13
23	24	7·5	24	5·5	24	6·5	24	6·5	24	7·5	24	6·5	24	6·5	4	9·5	5	12	6	11	8	7·5	8	8·5
24	5	17	5	16	4	17	4	18	5	18	5	18	4	18	4	18	4	20	4	21	5	21	5	24
25	28	10·5	28	5·5	28	7·5	28	9·5	28	9·5	26	16	26	16	26	16	27	17	28	15	27	16	27	15
26	32	6·5	30	5·5	30	4·5	30	6·5	30	4·5	30	3	30	7·5	14	13	12	14	14	16	13	20	13	21
27	24	4·5	22	4·5	26	4	26	4·5	26	4·5	26	5·5	26	4	32	6·5	6	8·5	6	6·5	6	10·5	7	10·5
28	13	3	13	4·5	13	3	13	4	7	8·5	7	9·5	6	7·5	6	7·5	6	7·5	9	7·5	9	7·5	9	10·5
29	5	5·5	31	6·5	31	5·5	31	4·5	31	6·5	28	6·5	29	7·5	30	7·5	29	9·5	29	7·5	1	8·5	6	10·5
30	24	4·5	21	4·5	21	6·5	26	7·5	23	5·5	23	11	23	13	24	16	26	16	26	14	27	15	30	10·5
31	25	7·5	20	4·5	22	4·5	24	9·5	24	11	25	16	25	17	26	20	26	22	26	25	28	22	28	19

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	32	5	32	4	32	4·5	32	4	32	3	32	3	32	4	32	2	32	2	32	2	32	2	32	2
2	15	13	17	14	15	12	15	13	15	10·5	17	10·5	14	6·5	17	10·5	17	7·5	22	9·5	22	9·5	22	4·5
3	15	20	14	20	13	20	14	17	16	13	18	17	17	16	16	9·5	19	18	17	14	18	12	15	11
4	22	16	21	22	23	19	25	20	24	16	24	13	23	6·5	24	8·5	22	12	22	6·5	21	6·5	17	7·5
5	14	19	15	21	15	20	16	22	17	19	16	18	16	18	16	15	19	10·5	20	9·5	18	4	18	2
6	12	20	13	19	12	13	12	18	11	14	9	11	8	10·5	9	10·5	10	9·5	10	11	11	11	11	10·5
7	6	10	6	12	6	10·5	6	13	5	12	5	13	4	12	5	11	6	11	7	9·5	6	15	7	12
8	8	16	9	15	8	18	9	15	8	13	9	14	10	12	10	12	9	9·5	10	12	10	11	11	9·5
9	12	16	12	14	12	18	14	18	15	13	14	14	14	13	15	10·5	15	11	15	11	14	12	15	9·5
10	13	16	14	19	14	16	13	15	12	16	13	15	13	15	13	13	13	11	13	10·5	13	9·5	13	10·5
11	12	23	11	21	11	21	11	21	11	22	11	17	11	18	11	17	12	19	12	16	13	16	13	13
12	13	17	14	12	14	15	14	9·5	14	13	8	5·5	11	5·5	7	4·5	9	7·5	8	7·5	8	7·5	8	4
13	12	8	12	9·5	12	9·5	12	9·5	12	10·5	12	7·5	12	8·5	12	9·5	13	11	13	5·5	13	7·5	13	6·5
14	14	19	14	21	14	20	14	17	15	16	14	12	12	5·5	15	6·5	15	7·5	15	13	15	12	16	12
15	13	23	13	22	12	16	12	18	12	17	16	10·5	16	13	15	12	16	15	14	12	15	10·5	17	8·5
16	18	17	18	18	15	19	14	21	15	17	15	17	15	10·5	14	16	13	20	12	22	14	26	17	16
17	19	[illegible]	18	25	21	30	21	29	21	30	22	22	21	23	20	15	20	8·5	20	7·5	20	4·5	20	5·5
18	14	10	14	12	14	14	14	14	16	8·5	15	18	22	18	20	11	19	10·5	20	13	18	8·5	19	12
19	15	14	17	12	14	8·5	14	4·5	14	5·5	14	5·5	25	9·5	30	10·5	29	12	30	7·5	30	7·5	32	11
20	30	15	26	13	27	12	30	10·5	25	11	25	9·5	21	7·5	21	7·5	21	8·5	21	14	20	12	20	11
21	23	20	22	24	23	25	24	28	23	28	27	27	26	17	26	14	26	19	26	18	27	18	26	20
22	24	12	24	8·5	15	9·5	16	4	14	9·5	16	4	16	8·5	16	3	16	4·5	24	6·5	24	5·5	24	4·5
23	8	9	8	7·5	9	10·5	10	10·5	8	15	8	11	8	9·5	8	8·5	4	11	6	14	6	16	6	14
24	5	24	5	24	5	21	5	20	5	18	32	13	31	10·5	29	10·5	29	7·5	29	11	28	9·5	28	9·5
25	26	17	26	13	27	11	26	9·5	26	14	27	8·5	30	6·5	32	5·5	32	2	32	3	32	4·5	32	4·5
26	13	21	15	16	6	12	14	16	18	14	22	4·5	14	5·5	14	4	14	5·5	22	6·5	21	5·5	24	6·5
27	9	9	12	13	12	12	12	15	13	10·5	13	10·5	13	8·5	13	7·5	13	4·5	13	4	13	3	13	4
28	7	10	6	15	6	9·5	6	11	5	12	5	8·5	5	9·5	3	8·5	5	8·5	5	11	5	9·5	6	4·5
29	6	11	6	6·5	6	5·5	8	5·5	10	7·5	11	5·5	14	6·5	14	10·5	14	5·5	14	2	14	4	24	7·5
30	26	17	27	15	29	15	29	17	28	16	27	13	30	11	29	9·5	29	6·5	29	6·5	29	6·5	29	5·5
31	28	20	28	18	30	17	30	14	28	16	28	12	29	13	29	8·5	28	9·5	28	8·5	28	9·5	28	9·5

RAINFALL. GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 48 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1								·005	·010	·005														
2																								
3				·005																				
4																								
5																								
6																								
7																								
8						·015	·005	·005	·005															
9																								
10																								
11																			·065	·070	·055	·065	·005	
12																								
13																			·020	·015				·005
14																								
15															·010	·020	·005							
16																					·070	·145	·005	
17													·010											
18										·010	·055	·020	·005	·005		·070	·005							·005
19							·005						·015					·015						
20	·040	·005	·035	·040	·030	·040	·030	·010	·020															
21																		·030	·140	·080	·090	·070	·050	·015
22	·005			·005	·015										·090	·010	·035	·005						
23																								
24																								
25																		·010						
26																		·040	·080	·015	·025	·010		
27																								
28								·020	·010		·040													
29																								
30																								
31																								
·025	·045	·005	·035	·050	·045	·055	·040	·040	·045	·015	·095	·020	·030	·005	·010	·180	·020	·730	·310	·180	·240	·290	·060	·025
3	2	1	1	3	2	2	3	4	4	2	2	1	3	1	1	3	3	5	5	4	4	4	3	3

†Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES. 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·267	·274	·271	·273	·276	·277	·281	·283	·288	·294	·311	·303	·319	·318	·310	·312	·311	·316	·313	·311	·307	·315	·318	·321
2	·316	·299	·304	·300	·307	·305	·303	·299	·309	·309	·302	·323	·359	·345	·370	·371	·383	·367	·350	·364	·341	·282	·271	·269
3	·271	·244	·242	·258	·246	·249	·265	·286	·300	·302	·304	·300	·302	·290	·293	·289	·251	·256	·267	·259	·254	·257	·274	·281
4	·271	·270	·283	·258	·248	·235	·229	·218	·210	·219	·221	·207	·218	·232	·201	·214	·240	·270	·256	·271	·260	·260	·262	·269
5	·272	·270	·258	·247	·253	·266	·278	·275	·287	†·273	·302	·306	·302	·293	·303	·306	·289	·279	·294	·271	·279	·281	·290	·290
6	·287	·281	·267	·267	·278	·300	·306	·301	·294	·302	·299	·277	·299	·295	·299	·299	·294	·293	·291	·287	·284	·281	·279	·277
7	·272	·273	·273	·272	·278	·279	·282	·285	·280	·283	·287	·286	·281	·302	·301	·299	·296	·289	·284	·278	·274	·285	·282	·283
8	·282	·286	·286	·286	·289	·299	·299	·288	·290	·284	·272	·258	·257	·244	·248	·242	·226	·226	·216	·209	·222	·208	·206	·202
9	·226	·213	·190	·207	·191	·185	·186	·185	·191	·198	·189	·192	·195	·210	·220	·232	·207	·216	·212	·210	·202	·197	·202	·203
10	·202	·209	·212	·213	·214	·216	·227	·230	·229	·229	·234	·241	·243	·265	·267	·268	·276	·281	·281	·283	·283	·273	·266	·259
11	·260	·263	·251	·244	·259	·264	·265	·273	·272	·276	·279	·277	·274	·273	·270	·267	·265	·272	·279	·286	·289	·291	·293	·293
12	·297	·302	·305	·301	·297	·298	·294	·304	·311	·306	·324	·325	·333	·367	·347	·351	·346	·321	·327	·316	·305	·302	·305	·299
13	·297	·310	·309	·311	·317	·319	·318	·323	·313	·311	·315	·315	·318	·320	·318	·313	·313	·318	·313	·313	·311	·308	·311	·308
14	·305	·304	·302	·294	·299	·323	·334	·343	·343	·349	·354	·347	·336	·321	·320	·334	·325	·319	·309	·311	·284	·298	·302	·302
15	·307	·308	·311	·310	·318	·330	·336	·324	·327	·327	·325	·320	·339	·330	·328	·323	·330	·332	·331	·313	·312	·314	·316	·307
16	·295	·295	·293	·270	·291	·315	·340	·330	·333	·288	·264	·264	·275	·274	·290	·279	·284	·271	·254	·273	·298	·320	·334	·324
17	·324	·320	·317	·316	·310	·331	·323	·319	·326	·327	·321	·338	·335	·352	·289	·280	·287	·288	·276	·275	·272	·259	·262	·262
18	·253	·241	·240	·235	·267	·281	·291	·312	·329	·376	·322	·330	·349	·359	·364	·356	·394	·384	·274	·301	·299	·271	·272	·275
19	·281	·265	·262	·275	·276	·282	·279	·284	·278	·286	·296	·319	·325	·335	·325	·328	·328	·317	·316	·307	·291	·276	·279	·285
20	·278	·256	·253	·233	·225	·213	·212	·210	·205	·195	·190	·164	·180	·177	·167	·177	·174	·189	·192	·202	·200	·182	·187	·177
21	·175	·177	·176	·179	·189	·183	·179	·184	·163	·160	·156	·174	·190	·191	·205	·215	·202	·228	·228	·218	·219	·230	·231	·227
22	·230	·227	·225	·237	·240	·227	·221	·225	·222	·216	·228	·223	·226	·235	·250	·276	·281	·279	·270	·279	·283	·276	·274	·253
23	·249	·237	·235	·240	·243	·256	·269	·285	·284	·301	·289	·298	·311	·308	·311	·278	·305	·297	·302	·306	·303	·301	·283	·263
24	·279	·275	·275	·277	·262	·253	·261	·249	·237	·247	·263	·258	·257	·256	·241	·241	·251	·242	·235	·237	·237	·237	·235	·230
25	·230	·230	·223	·226	·236	·253	·254	·234	·235	·242	·234	·276	·232	·235	·254	·245	·248	·274	·269	·265	·272	·281	·269	·266
26	·256	·247	·233	·243	·248	·277	·288	·286	·280	·279	·291	·286	·288	·294	·278	·312	·290	·305	·285	·301	·311	·291	·288	·269
27	·265	·263	·260	·239	·261	·283	·323	·298	·300	·307	·318	·318	·340	·320	·307	·312	·332	·339	·337	·335	·334	·342	·335	·331
28	·334	·340	·336	·332	·336	·332	·336	·340	·339	·336	·335	·331	·335	·329	·325	·320	·328	·325	·318	·312	·308	·300	·302	·307
29	·292	·284	·293	·288	·290	·294	·270	·270	·275	·277	·277	·295	·308	·315	·303	·301	·289	·308	·302	·294	·292	·292	·293	·295
30	·283	·282	·281	·283	·287	·287	·274	·263	·271	·272	·295	·301	·292	·293	·278	·256	·239	·235	·233	·227	·236	·245	·245	·245
31	·242	·229	·230	·235	·278	·220	·220	·210	·213	·216	·232	·219	·216	·210	·244	·233	·223	·228	·239	·250	·241	·235	·227	·230

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50°9' N LONG 5°4' W

HOURLY VALUES May 1878.

BAROMETER.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.296	29.286	29.284	29.281	29.284	29.298	29.310	29.329	29.350	29.370	29.390	29.404	29.424	29.442	29.450	29.470	29.492	29.508	29.535	29.556	29.578	29.598	29.610	29.628	1
2	.630	.643	.652	.654	.666	.683	.705	.718	.736	.748	.758	.761	.766	.770	.778	.778	.779	.778	.784	.794	.796	.804	.804	.800	2
3	.792	.790	.784	.776	.770	.772	.778	.779	.784	.794	.803	.809	.815	.825	.835	.847	.855	.857	.870	.885	.897	.895	.896	.896	3
4	.897	.897	.900	.903	.909	.923	.929	.937	.942	.947	.950	.947	.945	.940	.935	.937	.933	.927	.927	.927	.928	.929	.921	.911	4
5	.902	.885	.877	.857	.845	.837	.821	.813	.798	.791	.783	.762	.743	.711	.683	.647	.635	.621	.612	.579	.547	.521	.499	.471	5.
6	.440	.405	.380	.361	.340	.333	.327	.307	.290	.277	.273	.255	.257	.261	.273	.285	.293	.303	.315	.329	.345	.359	.373	.395	6
7	.413	.437	.459	.467	.488	.507	.520	.525	.531	.535	.538	.535	.535	.534	.522	.506	.498	.498	.498	.500	.508	.504	.494	.490	7
8	.476	.477	.466	.463	.470	.472	.482	.482	.483	.490	.498	.496	.490	.487	.485	.485	.462	.444	.444	.458	.458	.472	.466	.442	8
9	.442	.438	.446	.438	.450	.458	.472	.486	.497	.512	.538	.553	.563	.571	.577	.579	.586	.593	.595	.607	.607	.601	.596	.586	9
10	.567	.541	.523	.493	.474	.461	.448	.447	.451	.407	.401	.397	.393	.388	.388	.383	.371	.367	.373	.367	.353	.327	.321	.321	10
11	.289	.261	.248	.257	.257	.251	.257	.268	.274	.283	.285	.291	.206	.307	.299	.291	.291	.291	.296	.307	.315	.325	.329	.335	11
12	.336	.332	.330	.333	.335	.333	.335	.334	.331	.323	.324	.321	.308	.299	.286	.268	.262	.258	.249	.252	.246	.209	.191	.180	12
13	.174	.171	.194	.206	.209	.219	.222	.228	.238	.246	.259	.267	.271	.279	.281	.285	.287	.277	.277	.271	.273	.271	.259	.249	13
14	.240	.275	.215	.205	.205	.205	.205	.205	‡ .210	† .237	.247	.251	.265	.265	.267	.277	.281	.281	.288	.287	.289	.279	.261	.235	14
15	.191	.111	.097	.075	.069	.065	.043	.013	.035	.092	.142	.197	.216	.276	.244	.262	.280	.300	.316	.340	.364	.380	.402	.426	15
16	.440	.460	.477	.488	.505	.514	.526	.520	.514	.508	.491	.466	.446	.431	.441	.454	.436	.441	.466	.478	.496	.494	.498	.504	16
17	.498	.486	.486	.486	.510	.566	.604	.642	.662	.694	.722	.742	.749	.754	.754	.756	.786	.763	.746	.728	.734	.728	.698	.681	17
18	.630	.604	.596	.569	.568	.574	.591	.618	.634	.644	.663	.678	.681	.683	.683	.687	.685	.687	.681	.676	.676	.675	.676	.667	18
19	.664	.665	.665	.663	.669	.683	.691	.695	.691	.711	.703	.717	.734	.758	.767	.774	.787	.801	.809	.827	.835	.843	.836	.831	19
20	.821	.807	.791	.771	.746	.739	.739	.734	.721	.707	.694	.672	.680	.681	.686	.696	.708	.724	.738	.748	.770	.778	.793	.806	20
21	.808	.818	.822	.822	.826	.833	.839	.850	.850	.850	.850	.847	.845	.845	.835	.835	.829	.831	.835	.835	.845	.842	.839	.835	21
22	.832	.831	.819	.805	.805	.809	.811	.811	.811	.811	.817	.799	.781	.765	.742	.711	.687	.649	.607	.575	.534	.479	.439	.391	22
23	.355	.315	.284	.265	.252	.251	.236	.222	.217	.217	.224	.217	.223	.223	.223	.223	.227	.229	.229	.227	.231	.227	.215	.201	23
24	.181	.167	.153	.134	.127	.119	.123	.131	.141	.141	.151	.170	.198	.220	.241	.260	.276	.296	.318	.344	.366	.381	.399	.410	24
25	.421	.436	.448	.469	.491	.516	.539	.556	.574	.591	.601	.616	.619	.618	.616	.618	.619	.619	.619	.626	.635	.636	.636	.631	25
26	.628	.623	.623	.621	.624	.631	.638	.643	.649	.651	.655	.658	.654	.647	.643	.634	.626	.622	.620	.622	.622	.615	.605	.592	26
27	.575	.568	.548	.544	.538	.535	.533	.533	.530	.533	.527	.531	.526	.519	.516	.509	.506	.511	.507	.516	.519	.527	.525	.521	27
28	.516	.521	.516	.513	.517	.531	.551	.563	.568	.573	.600	.608	.618	.620	.624	.624	.624	.644	.658	.678	.701	.714	.718	.728	28
29	.736	.740	.744	.750	.754	.766	.782	.810	.828	.844	.858	.868	.874	.884	.883	.906	.898	.901	.898	.904	.924	.918	.915	.910	29
30	.906	.904	.898	.902	.905	.905	.908	.914	.916	.918	.913	.913	.910	.912	.896	.893	.883	.875	.866	.866	.870	.864	.862	.852	30
31	29.840	29.830	29.820	29.812	29.804	29.808	29.810	29.804	29.802	29.792	29.787	29.781	29.779	29.782	29.775	29.771	29.766	29.757	29.751	29.749	29.757	29.755	29.755	29.752	31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	52.2	52.2	52.2	52.4	52.6	52.6	53.4	54.0	55.0	55.9	56.6	55.4	56.0	57.0	58.8	58.0	56.5	54.9	52.5	52.0	52.5	52.4	51.8	51.0
2	50.9	50.8	49.7	49.5	49.0	49.8	52.0	53.5	55.0	57.7	58.4	57.2	58.0	58.0	57.0	56.7	56.8	55.8	54.6	54.3	54.1	53.8	54.0	53.7
3	53.3	53.2	53.2	53.0	53.0	53.0	53.4	54.2	54.2	54.1	53.0	53.9	55.0	55.5	55.6	55.5	55.1	53.8	52.9	50.9	49.5	49.3	48.4	48.0
4	47.9	47.9	47.4	46.9	45.4	47.4	52.0	54.1	55.2	56.7	56.9	58.2	58.7	59.0	59.4	58.2	56.9	55.9	54.2	52.0	51.2	50.0	49.3	48.5
5	47.6	47.7	46.7	46.0	45.1	45.6	49.2	51.8	53.7	54.7	54.7	55.0	56.0	54.4	55.7	54.3	54.5	53.5	53.0	52.0	52.8	52.9	53.3	53.2
6	53.0	52.7	52.7	52.8	52.1	52.2	52.4	53.2	53.0	54.2	53.9	52.9	54.0	53.6	54.0	55.5	56.7	55.6	54.2	53.7	53.7	53.5	52.9	51.3
7	50.9	49.2	48.0	47.3	48.5	47.7	52.0	54.0	55.6	55.1	56.0	57.3	57.9	56.9	57.2	57.8	58.1	56.2	54.9	53.1	51.9	51.4	49.4	48.9
8	48.7	47.3	47.9	47.7	46.3	46.5	49.8	53.6	56.1	55.6	55.9	56.2	56.6	56.0	56.6	56.5	55.1	54.9	53.7	52.7	52.7	52.8	52.7	52.6
9	52.7	52.8	52.0	51.9	52.2	51.3	52.6	54.1	56.0	56.0	56.6	56.4	56.9	57.2	56.9	56.9	56.2	55.8	54.4	53.9	53.3	53.2	53.1	52.6
10	51.9	52.0	51.7	51.2	51.5	51.9	52.1	52.7	52.9	53.1	55.0	56.5	57.0	57.1	58.0	57.4	56.8	56.0	55.4	54.4	54.8	54.4	54.3	54.3
11	54.1	54.0	54.0	53.7	53.4	52.9	53.5	55.5	57.8	58.2	58.4	58.6	58.9	58.9	58.7	58.6	58.0	57.3	54.5	54.4	54.7	54.5	54.4	54.2
12	54.3	54.0	54.0	53.6	53.6	53.9	54.4	55.3	55.7	56.0	56.5	56.5	57.0	55.2	55.8	55.2	55.0	54.6	54.4	53.9	53.0	53.3	53.7	53.0
13	51.7	50.9	50.2	50.8	51.7	52.5	53.8	53.7	55.9	57.6	57.4	58.1	59.0	59.5	58.1	58.1	57.1	56.2	55.2	54.6	54.0	53.7	53.3	53.0
14	52.8	52.8	52.6	52.0	52.7	53.0	54.7	54.4	52.0	55.1	57.3	58.8	58.2	58.7	57.6	56.8	56.5	55.5	54.7	54.0	53.8	53.5	53.3	51.9
15	51.6	51.5	52.0	53.0	53.2	53.8	54.0	52.9	55.0	54.0	56.1	57.0	57.7	57.4	57.1	57.5	56.7	56.1	54.7	53.7	53.4	53.6	53.0	52.7
16	52.7	52.2	52.5	52.6	52.0	53.2	54.0	54.8	55.0	53.2	53.6	53.3	53.7	55.4	55.9	56.5	55.8	56.5	56.0	55.7	54.4	55.5	56.0	55.0
17	54.9	55.0	55.4	55.7	56.4	54.0	55.2	56.9	57.8	59.7	60.0	59.7	59.4	58.7	57.9	57.7	56.0	54.0	53.7	54.0	55.5	54.9	53.9	53.6
18	54.7	54.5	53.2	53.7	55.0	55.2	54.8	56.9	57.0	58.4	58.9	58.3	59.1	59.0	59.0	57.5	56.9	56.4	55.0	54.0	54.0	53.6	53.0	52.0
19	52.0	52.3	51.9	51.4	51.4	52.0	53.8	55.0	55.0	56.2	57.0	57.2	57.4	57.1	56.8	57.0	55.9	54.5	53.3	52.7	52.1	51.0	50.9	51.0
20	50.4	50.0	49.9	50.0	50.5	51.4	51.5	49.3	51.4	49.8	50.4	50.7	51.8	53.2	54.7	52.9	52.2	52.0	51.0	49.4	48.8	48.3	47.0	46.1
21	45.7	45.6	44.7	44.2	44.5	46.0	50.0	51.3	53.0	53.3	54.1	54.6	55.4	54.7	54.9	55.3	53.9	52.8	51.8	50.2	49.3	48.9	48.3	47.9
22	48.2	48.1	47.9	46.5	47.9	49.2	52.1	54.7	55.5	56.1	57.4	57.6	58.0	56.0	54.5	54.2	53.1	52.7	51.7	51.6	50.9	51.0	51.4	52.0
23	53.0	53.6	53.9	52.8	52.8	51.7	53.0	53.1	53.5	53.7	54.4	56.8	56.4	56.3	57.0	54.9	55.6	53.0	53.0	52.2	51.2	51.0	51.1	51.0
24	51.0	50.2	49.9	50.6	50.6	51.3	51.2	53.0	52.5	53.3	53.0	53.2	52.6	52.7	51.4	51.5	51.7	51.0	51.8	51.4	51.3	51.1	51.0	50.0
25	50.2	49.3	49.5	49.0	49.0	49.0	51.0	51.4	52.0	54.1	55.6	56.1	57.0	56.4	56.2	56.5	55.9	54.6	53.0	52.0	51.0	51.2	50.9	50.6
26	50.7	49.5	49.9	49.7	49.2	50.2	52.1	52.0	52.7	53.0	56.3	57.2	57.0	57.9	56.5	55.9	55.0	54.0	53.0	51.4	50.5	50.1	49.6	49.6
27	49.4	49.5	48.8	48.2	48.0	48.9	53.5	51.0	53.0	54.9	56.0	54.5	55.0	55.8	56.5	55.4	54.9	54.3	53.7	53.0	52.4	49.8	49.9	50.0
28	49.5	49.0	48.5	48.4	48.5	48.5	47.3	47.3	48.2	50.3	49.6	54.3	52.1	52.7	55.2	55.9	55.9	55.4	54.7	53.0	51.7	51.3	51.0	50.9
29	50.8	50.2	50.5	50.6	51.0	51.5	52.5	53.2	54.3	55.9	56.0	56.2	57.2	56.9	56.9	54.5	54.5	55.5	55.0	54.4	54.0	54.0	54.0	53.9
30	53.7	53.8	53.9	52.9	52.4	52.2	53.0	53.8	54.9	55.3	55.0	55.5	56.0	55.9	55.9	55.5	54.7	53.7	52.8	52.1	51.9	51.6	52.0	51.7
31	51.2	51.1	50.6	50.3	49.3	50.3	52.0	54.0	54.7	55.6	55.7	56.0	57.4	56.7	56.3	56.0	57.1	58.0	57.7	55.3	52.9	51.9	51.7	52.0

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
52.0	52.0	52.0	52.1	52.2	52.3	52.9	53.5	54.0	54.5	54.9	55.9	54.2	54.8	55.7	55.0	54.4	52.7	51.1	51.0	51.7	51.0	50.5	50.1	1
49.9	49.5	48.4	48.1	47.8	48.4	50.2	51.4	53.2	55.0	55.5	55.0	55.0	55.0	54.4	54.1	54.3	53.6	53.0	53.0	53.0	52.8	53.1	53.0	2
52.9	52.7	52.7	52.4	52.5	52.4	52.9	53.7	53.8	53.6	52.0	51.8	52.2	52.4	51.5	51.0	51.2	50.2	50.2	49.0	48.2	47.8	47.0	47.0	3
46.4	46.3	46.1	45.7	44.6	46.3	49.7	50.8	50.9	51.8	51.0	51.1	51.7	52.4	52.4	51.3	50.5	50.3	49.2	48.8	48.8	48.2	47.8	47.1	4
46.6	46.8	45.8	45.0	44.3	44.6	47.2	48.8	51.0	51.7	51.2	51.3	52.3	51.0	51.9	51.0	49.7	49.2	48.2	48.2	49.9	50.1	50.2	51.1	5
51.9	51.9	52.0	52.0	51.6	51.6	51.7	52.5	52.0	52.6	52.4	52.3	53.4	53.0	53.6	54.1	54.4	53.4	52.9	52.4	52.7	52.4	51.5	49.9	6
49.4	47.5	46.4	45.6	46.4	45.9	49.0	50.6	51.4	50.4	51.6	51.7	52.1	50.9	50.7	50.9	51.4	48.7	48.3	47.0	47.9	47.5	46.7	46.1	7
45.7	44.4	45.1	45.6	44.9	45.0	47.0	50.1	50.0	50.5	51.2	52.3	52.7	51.0	52.2	52.9	52.1	51.9	51.6	50.6	50.9	51.2	51.2	51.0	8
50.7	50.7	50.5	50.2	50.5	49.6	50.6	52.2	53.4	53.8	54.4	54.1	54.2	54.5	54.1	53.9	53.7	53.3	52.7	52.2	52.0	51.9	51.8	51.3	9
50.9	50.9	50.8	50.7	50.3	50.4	50.7	51.3	51.9	52.0	53.0	54.1	54.9	54.9	55.9	55.6	55.1	54.4	54.0	53.3	53.7	53.3	53.2	53.3	10
53.4	53.3	53.4	53.2	53.0	52.2	53.0	54.3	55.5	55.2	55.3	55.3	55.6	55.5	55.3	54.7	54.0	53.6	52.7	52.7	53.1	52.8	53.1	53.0	11
53.0	53.0	52.9	52.6	52.8	52.6	53.1	53.6	54.0	54.0	54.6	54.4	54.0	53.5	54.0	53.6	53.3	53.0	52.8	52.8	52.7	52.4	52.0	51.9	12
50.1	50.1	49.1	49.8	50.1	51.2	52.2	51.7	53.5	54.1	54.4	54.5	55.4	55.1	54.8	54.7	54.0	53.9	53.2	52.9	52.4	52.4	52.3	51.9	13
51.8	51.8	51.2	51.0	51.6	52.0	53.0	52.2	50.0	52.4	54.3	55.0	54.8	54.9	53.9	53.9	53.7	52.8	52.4	52.0	51.9	51.9	51.8	50.4	14
50.2	50.7	51.5	51.5	51.2	52.0	52.4	51.4	53.0	52.7	53.6	54.0	54.6	54.3	54.0	54.6	54.1	53.9	53.1	52.4	52.1	51.9	51.7	51.4	15
51.5	51.2	51.4	51.5	51.0	52.0	52.7	53.0	53.3	52.6	52.9	52.6	53.2	55.0	55.6	55.8	55.2	56.0	55.7	54.5	54.0	54.9	55.0	54.6	16
54.6	54.7	55.0	55.2	55.7	53.0	54.0	55.5	56.0	57.0	57.7	57.2	57.2	56.9	56.7	56.8	55.1	53.7	53.4	53.7	55.0	54.3	53.5	53.2	17
54.2	53.0	52.9	53.0	54.1	54.4	53.0	54.3	54.7	55.2	55.4	54.4	55.6	56.0	55.0	53.8	53.7	53.3	52.5	51.9	52.0	51.5	52.0	50.3	18
50.0	50.2	49.3	49.1	48.8	49.0	50.2	51.4	52.5	52.2	52.7	52.3	52.0	51.5	51.9	51.2	50.9	49.7	49.4	49.3	49.2	47.8	48.5	48.5	19
48.0	47.4	47.7	48.2	48.6	49.9	50.0	47.7	49.3	48.4	48.9	49.3	49.0	49.4	50.4	49.5	48.7	48.6	48.0	46.7	46.2	46.2	44.0	43.5	20
43.5	43.6	42.9	41.6	41.6	43.0	45.4	46.0	47.4	47.6	48.5	48.7	49.0	48.3	48.8	49.5	48.7	48.1	47.7	47.1	46.6	46.4	46.1	45.7	21
46.1	46.2	46.0	44.9	45.8	47.3	49.0	49.7	50.9	50.4	50.6	50.4	51.2	50.8	50.4	50.5	50.7	50.2	49.9	50.0	50.0	50.3	51.0	51.7	22
52.7	53.2	53.6	52.1	52.0	51.0	51.8	52.3	52.0	52.0	51.9	53.0	52.2	52.6	52.5	51.8	51.0	50.3	50.0	49.2	48.9	48.8	49.0	48.8	23
48.9	48.2	48.0	48.6	48.2	49.1	49.5	50.1	49.6	49.9	50.2	51.7	50.4	50.0	49.3	49.1	49.7	49.1	49.5	48.8	48.9	48.8	48.5	47.1	24
46.5	46.0	46.6	46.1	46.0	45.9	47.0	47.0	47.5	48.7	49.2	49.9	49.9	50.4	50.6	50.7	51.3	50.6	49.2	49.1	48.9	49.2	49.0	48.7	25
48.7	47.8	47.9	47.5	47.7	48.6	50.0	49.6	50.8	50.0	52.0	51.5	51.2	51.7	51.1	50.9	50.4	50.4	50.0	49.1	48.7	48.4	48.0	48.0	26
48.0	48.1	47.3	46.7	47.0	47.7	50.4	48.6	50.4	50.3	50.7	51.5	51.7	51.1	52.0	50.4	50.7	51.3	50.7	50.5	50.3	48.2	48.3	48.4	27
47.9	47.9	47.7	47.5	47.6	47.5	46.5	46.6	47.5	48.6	48.0	51.8	49.7	50.0	51.0	51.9	52.0	52.1	52.0	51.0	50.3	49.5	49.0	48.9	28
49.2	49.0	49.3	49.3	49.7	50.0	50.7	51.0	51.8	53.0	53.0	52.9	54.0	53.2	53.9	52.0	52.7	53.2	53.4	52.5	52.9	52.9	53.0	53.0	29
52.8	52.5	51.9	51.3	50.9	50.4	50.5	50.9	51.6	51.9	51.9	52.0	53.2	53.0	52.6	52.3	51.7	51.0	50.0	49.5	49.5	49.0	49.5	49.2	30
49.3	49.0	48.9	48.6	47.6	47.8	49.0	49.5	48.8	49.7	49.5	50.0	*	† 51.9	51.9	51.7	52.7	52.9	52.8	51.9	51.0	50.6	50.3	50.6	31

* Record defective or Ins[tru]ment out of action. † Reading of Standard. ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY   LAT: 50°9′ N.   LONG: 5°4′ W.   HOURLY VALUES   *May* 1878.

WIND   DIRECTION IN NUMBERS {8–E 24–W / 16–S 32–N}   AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	13	7·5	13	5·5	13	4	13	3	13	2	13	5·5	13	7·5	13	9·5	31	12	29	9·5	28	17	29	19
2	26	13	26	12	26	9·5	26	9·5	24	10·5	24	11	24	7·5	23	13	23	13	22	14	22	19	21	18
3	19	15	19	17	19	15	18	16	18	21	18	18	18	18	18	20	18	20	24	13	29	20	29	13
4	26	11	26	11	26	13	26	10·5	26	9·5	25	10·5	25	9·5	25	11	26	10·5	26	11	28	11	26	10·5
5	27	4	27	3	27	3	27	4	27	4·5	27	4·5	27	4·5	6	12	8	15	10	18	10	21	9	16
6	7	31	7	30	7	27	8	26	8	25	8	24	8	21	8	16	8	23	10	25	10	30	12	23
7	21	7·5	21	8·5	21	8·5	21	11	21	6·5	21	5·5	21	4	21	5·5	18	5·5	14	8·5	15	10·5	15	10·5
8	32	5·5	32	5·5	32	5·5	32	4·5	32	4	32	2	32	2	32	3	32	5·5	11	6·5	11	10·5	13	10·5
9	12	20	12	19	14	14	12	14	11	19	12	18	11	18	11	19	12	18	12	18	12	19	13	20
10	8	13	7	14	7	16	7	16	8	21	8	28	8	26	8	21	9	10·5	7	18	7	28	9	22
11	8	4	16	4	16	3	16	5·5	16	12	16	15	16	18	16	21	16	24	16	28	15	31	15	26
12	15	26	15	26	16	24	16	22	15	21	15	22	15	24	15	22	14	25	14	29	13	34	14	27
13	15	23	17	18	20	21	18	16	18	17	17	18	17	22	17	24	18	24	18	25	18	29	18	26
14	19	15	19	14	18	16	18	15	18	15	18	17	18	21	19	22	20	25	19	23	19	33	19	36
15	15	31	15	30	17	34	17	33	18	30	17	32	15	33	17	37	20	40	20	33	21	43	21	38
16	21	17	21	16	21	16	20	14	20	13	18	18	18	19	17	23	16	26	16	26	15	33	15	30
17	17	25	18	33	18	35	18	40	19	39	21	28	20	31	20	27	20	32	19	30	19	32	19	27
18	10	10·5	9	11	10	7·5	17	13	20	25	20	24	22	22	22	22	21	27	21	25	21	31	20	30
19	20	27	20	28	21	31	21	30	21	29	21	34	21	35	21	40	21	43	21	41	22	48	22	47
20	24	11	24	13	23	15	23	14	23	16	21	18	22	21	23	17	21	19	21	13	20	10·5	23	15
21	27	9·5	27	6·5	27	7·5	27	10·5	27	10·5	26	10·5	26	16	25	19	25	23	25	24	25	27	25	26
22	25	14	25	12	25	10·5	25	13	24	13	23	14	23	14	24	13	21	15	20	19	19	20	19	17
23	17	27	18	21	19	20	20	19	20	19	22	21	21	21	19	22	22	26	22	24	22	29	21	28
24	22	16	22	16	22	16	22	19	22	21	21	21	22	20	24	24	23	23	24	24	23	27	27	23
25	27	17	27	15	27	16	27	15	27	13	27	13	27	17	26	21	26	18	26	20	26	20	25	20
26	24	18	25	14	23	15	23	15	23	14	23	10·5	23	11	24	18	24	15	23	19	22	23	23	22
27	20	10·5	20	11	20	11	20	8·5	20	6·5	20	8·5	20	11	20	12	19	11	19	14	19	18	19	16
28	15	11	15	8·5	15	3	15	6·5	15	8·5	30	4·5	2	8·5	32	7·5	32	3	32	7·5	22	7·5	27	11
29	29	19	29	19	29	20	29	22	30	22	30	21	30	24	30	19	30	17	30	16	30	18	30	15
30	32	7·5	32	7·5	3	11	8	10·5	8	11	8	10·5	8	18	8	15	8	18	9	14	10	16	10	13
31	10	7·5	8	6·5	8	8·5	5	7·5	5	5·5	5	7·5	5	10·5	5	16	6	17	7	14	8	16	8	12

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	27	19	28	20	27	19	27	16	27	14	26	14	26	11	26	11	27	14	27	13	26	8·5	26	11
2	22	23	21	22	21	24	21	20	21	20	20	20	20	18	20	16	20	18	20	10·5	20	10·5	19	16
3	29	15	30	17	29	16	27	15	27	15	27	10·5	27	8·5	27	5·5	27	8·5	27	12	26	13	26	12
4	25	7	25	8·5	24	9·5	27	11	27	12	27	10·5	27	9·5	27	7·5	27	4·5	27	4	27	4	27	4·5
5	9	16	8	15	9	16	8	18	8	16	8	16	8	16	8	17	7	22	8	27	7	29	7	29
6	15	21	15	20	16	19	17	19	17	20	16	20	16	19	16	17	17	17	16	15	17	12	19	9·5
7	15	13	15	13	15	10·5	21	9·5	32	9·5	32	10·5	32	8·5	32	7·5	32	5·5	32	4·5	32	5·5	32	4
8	13	11	13	11	14	12	15	12	15	5·5	10	9·5	12	9·5	12	10·5	12	8·5	12	10·5	12	11	12	16
9	13	19	13	14	13	15	12	14	12	11	12	11	12	9·5	12	13	12	11	12	10·5	12	11	8	10·5
10	9	20	9	17	11	10·5	10	9·5	10	11	10	8·5	9	9·5	9	7·5	9	5·5	9	8·5	8	6·5	8	5·5
11	15	32	15	33	15	31	15	34	15	32	15	32	15	36	15	31	15	31	15	28	15	26	15	29
12	14	30	14	30	14	31	15	39	15	33	15	30	14	23	15	26	14	24	13	41	14	36	15	29
13	19	30	19	30	19	28	18	29	19	25	18	21	18	18	17	17	18	16	18	16	17	20	18	17
14	19	35	19	36	19	35	19	33	19	33	19	28	19	26	18	24	18	22	17	23	17	25	17	26
15	20	36	20	33	20	31	20	29	21	26	20	24	21	20	21	22	21	20	21	22	21	22	21	18
16	15	33	17	34	19	34	19	28	18	30	19	37	19	33	20	29	20	25	19	28	18	26	18	22
17	19	25	18	22	17	16	18	12	17	14	14	12	14	14	14	13	16	16	15	12	12	7·5	11	13
18	20	30	20	31	20	33	19	33	20	37	20	33	20	31	19	28	19	28	20	30	20	25	20	26
19	22	47	23	40	23	39	23	37	23	35	23	33	23	26	23	19	23	17	23	16	24	14	24	13
20	26	19	26	21	25	24	26	21	27	21	27	17	27	16	26	13	26	14	25	15	27	11	27	11
21	24	21	25	24	25	27	25	26	25	26	25	23	25	20	25	15	25	12	25	15	25	14	25	16
22	16	16	16	20	15	21	16	23	16	21	16	23	15	26	15	29	15	26	14	31	15	33	16	31
23	22	28	22	25	23	28	22	26	22	24	23	23	22	25	22	20	22	19	22	18	22	20	22	20
24	27	23	27	23	27	21	26	22	26	21	26	18	26	20	26	18	27	17	26	15	26	16	26	19
25	25	21	25	23	25	22	23	23	23	20	24	22	24	20	24	21	23	17	23	14	24	16	24	17
26	21	24	21	24	21	23	21	21	21	21	21	20	21	17	21	12	21	10·5	21	9·5	21	9·5	20	12
27	18	15	16	15	16	15	16	12	17	11	17	9·5	14	10·5	13	13	13	13	18	6·5	18	8	18	12
28	30	18	31	20	30	20	30	23	30	26	30	21	30	23	29	20	29	23	29	22	29	21	29	20
29	29	17	30	17	30	15	8	8·5	8	3	8	8·5	28	10·5	28	14	31	9·5	31	10·5	32	5·5	32	5·5
30	10	15	10	13	10	13	10	12	10	11	10	10·5	10	8·5	10	10·5	10	8·5	10	7·5	10	6·5	10	4·5
31	11	12	11	9·5	11	8·5	12	5·5	13	4	13	2	13	4	13	8·5	13	10·5	13	10·5	13	11	30	13

RAINFALL   GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·010	·015	·005	·005	-	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	·070	·020	·005	·005	·020	·030	·015	·005	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005
6	.	.	.	.	·005	.	.	.	.	.	.	·015	.	·005	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	·010	·010	.	·040	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	·140	·105	·155	.	·005	.	.	.	.	.	.	.	.	·005	·005	·065
11	·095	·020	·010	·020	·080	·050	·020	.	.	.	.	.	.	.	.	.	.	.	.	·045	.	.	.	.
12	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	·035	.	.	.	·020	·145	·115	·035	·090
13	.	·030	·010	·005	.	·005	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·005	·025	·010
14	.	.	.	·005	·025	·010	.	.	·020	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	·035
15	·060	·050	·190	·005	.	.	·005	·090	·065	·020	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	-	·005	.	.	·005	.	.	.	.	·020	·035	·050	·060	·005	·015	·090	·055	·050	·075	·035	·025	·010	.	·035
17	·090	·080	·010	·010	·005	·030	.	.	.	.	.	.	.	.	.	.	·010	·025	·005	·010	.	.	·105	·170
18	·015	.	.	.	·005	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·020	·090
19	.	.	.	·010	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	·095	·005	·075	·050	·015	·025	.	.	·005	.	.	.	.	.	.	·005	.
21	.	.	·010	.	.	.	.	·005	.	·005	.	.	.	.	.	.	.	·005	.	.	.	.	.	·005
22	.	.	.	·005	.	.	.	·005	.	.	.	.	.	.	.	.	·010	.	·010	·025	·095	·090	·055	·065
23	·020	·010	·020	.	.	.	·010	·005	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	·005	·005	.	.	.	.	·005	.	.	·010	.	·025	·005	·005	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	·005	.	·005	.	.	.	.	.	·030	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	·010	.	.	·010	·025	.	.	.	·010	·005	·005	.	.	.	.	.	.	.	·080	·015	.
28	·025	·190	·120	·030	-	·030	·165	·235	·165	·015	·010	·005	·005	·010	.	·005	.	.	.	·005	.	.	.	.
29	.	·005	.	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	·005	·010	·025	.
30	·005	.	.	·005	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
590	325	405	395	120	200	195	235	475	450	280	275	100	105	025	015	145	075	105	095	145	280	310	290	360
11	9	9	11	12	8	9	9	10	8	8	6	6	6	4	1	5	3	4	4	7	5	7	9	10

* Record defective or Instrument out of action. † Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·385	·385	·385	·385	·386	·389	·394	·403	·403	·406	·408	·395	·397	·399	·402	·393	·395	·368	·357	·361	·373	·355	·351	·351
2	·347	·338	·323	·319	·317	·322	·340	·351	·381	·397	·402	·403	·393	·393	·388	·384	·388	·383	·380	·384	·387	·385	·391	·393
3	·395	·391	·391	·386	·389	·386	·394	·406	·409	·405	·374	·356	·354	·355	·333	·321	·329	·317	·328	·324	·321	·313	·305	·302
4	·296	·293	·295	·292	·285	·300	·328	·328	·321	·325	·305	·296	·305	·317	·313	·301	·295	·303	·290	·305	·315	·314	·313	·306
5	·303	·308	·297	·287	·281	·282	·301	·308	·338	·345	·333	·332	·348	·330	·341	·331	·299	·298	·281	·292	·373	·326	·323	·347
6	·371	·375	·378	·377	·376	·374	·374	·386	·374	·375	·372	·384	·400	·394	·406	·400	·392	·379	·382	·376	·384	·379	·362	·342
7	·334	·308	·295	·285	·290	·287	·310	·324	·330	·310	·331	·317	·321	·303	·296	·296	·304	·266	·267	·256	·286	·284	·287	·279
8	·261	·259	·266	·280	·281	·281	·288	·317	·294	·309	·323	·345	·350	·317	·337	·356	·351	·348	·354	·341	·349	·355	·356	·353
9	·344	·343	·348	·341	·345	·334	·343	·365	·375	·386	·394	·388	·384	·389	·381	·375	·380	·375	·375	·367	·370	·368	·368	·361
10	·359	·358	·360	·350	·350	·346	·352	·359	·372	·373	·375	·387	·402	·401	·418	·417	·411	·402	·398	·391	·398	·391	·390	·393
11	·399	·397	·400	·399	·397	·381	·396	·406	·410	·396	·396	·393	·397	·395	·392	·377	·367	·364	·374	·375	·382	·376	·386	·385
12	·384	·388	·385	·383	·388	·378	·386	·389	·395	·391	·401	·395	·377	·387	·393	·390	·383	·380	·377	·383	·394	·381	·364	·371
13	·342	·352	·335	·346	·348	·359	·369	·363	·379	·374	·384	·379	·391	·378	·387	·384	·376	·385	·379	·377	·371	·376	·378	·371
14	·372	·372	·358	·361	·367	·374	·379	·361	·335	·358	·382	·383	·385	·381	·369	·377	·376	·365	·363	·360	·360	·364	·365	·346
15	·345	·360	·375	·361	·349	·363	·371	·359	·375	·380	·380	·377	·386	·381	·376	·389	·384	·387	·382	·376	·371	·363	·366	·362
16	·365	·363	·365	·367	·361	·371	·380	·378	·383	·388	·391	·387	·399	·427	·438	·436	·428	·442	·440	·409	·417	·423	·419	·421
17	·422	·424	·427	·429	·434	·388	·401	·421	·424	·427	·444	·433	·437	·438	·443	·449	·422	·409	·405	·409	·426	·413	·404	·400
18	·414	·408	·397	·393	·406	·412	·378	·386	·397	·393	·392	·373	·395	·407	·380	·367	·370	·367	·362	·357	·360	·353	·374	·343
19	·335	·336	·319	·321	·313	·310	·317	·335	·353	·342	·344	·332	·323	·315	·328	·309	·316	·299	·305	·310	·314	·294	·312	·311
20	·305	·295	·303	·314	·319	·341	·342	·311	·326	·322	·328	·334	·313	·306	·318	·312	·301	·301	·299	·287	·282	·287	·253	·254
21	·258	·261	·255	·234	·231	·244	·253	·252	·265	·266	·277	·267	·278	·268	·277	·289	·283	·281	·283	·286	·286	·286	·284	·279
22	·285	·280	·286	·279	·282	·303	·309	·297	·319	·303	·293	·286	·300	·313	·316	·320	·339	·331	·337	·340	·349	·356	·369	·380
23	·394	·400	·407	·380	·377	·365	·369	·382	·367	·364	·353	·354	·340	·351	·339	·345	·320	·318	·322	·313	·318	·318	·322	·318
24	·321	·312	·310	·317	·308	·322	·333	·325	·319	·316	·327	·349	·337	·376	·326	·320	·332	·326	·326	·313	·317	·317	·311	·288
25	·274	·273	·284	·278	·276	·274	·276	·272	·277	·281	·280	·292	·281	·299	·306	·304	·325	·319	·304	·313	·321	·325	·324	·320
26	·319	·311	·308	·302	·312	·322	·334	·325	·346	·322	·336	·314	·309	·312	·313	·316	·311	·320	·322	·321	·322	·318	·314	·314
27	·317	·319	·307	·300	·309	·316	·326	·313	·332	·310	·310	·342	·342	·321	·334	·308	·319	·339	·331	·335	·338	·317	·318	·319
28	·314	·320	·321	·317	·319	·316	·307	·309	·320	·321	·314	·352	·327	·326	·323	·339	·341	·348	·352	·347	·347	·332	·323	·322
29	·330	·332	·337	·335	·341	·342	·347	·344	·352	·366	·365	·360	·375	·357	·375	·355	·374	·376	·386	·369	·385	·385	·388	·389
30	·387	·377	·358	·356	·353	·342	·335	·335	·340	·344	·347	·345	·370	·366	·356	·353	·345	·338	·325	·322	·324	·315	·323	·319
31	·328	·322	·325	·321	·308	·301	·310	·299	·278	†·291	·287	†·295	*	†·329	·334	·333	·343	·340	·340	·344	·348	·352	·352	·351

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51′ N LONG. 2°28′ W

HOURLY VALUES *May* 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·183	29·183	29·181	29·177	29·173	29·181	29·187	29·197	29·207	29·217	29·217	29·219	29·223	29·226	29·233	29·235	29·237	29·255	29·267	29·295	29·315	29·333	29·343	29·361	1
2	·379	·381	·389	·393	·403	·417	·427	·445	·447	·460	·460	·466	·476	·480	·483	·502	·508	·504	·506	·514	·520	·528	·534	·538	2
3	·534	·534	·540	·544	·544	·552	·574	·574	·578	·583	·579	·575	·577	·573	·567	·567	·561	·553	·555	·567	·575	·573	·569	·572	3
4	·557	·565	·571	·569	·565	·575	·583	·593	·601	·614	·628	·634	·642	·645	·646	·648	·648	·660	·664	·684	·693	·696	·706	·706	4
5	·704	·700	·694	·694	·692	·690	·690	·686	·676	·674	·660	·634	·620	·600	·576	·560	·546	·544	·543	·540	·543	·544	·536	·522	5
6	·504	·510	·484	·470	·454	·440	·428	·402	·370	·354	·343	·315	·289	·269	·241	·233	·221	·223	·219	·227	·233	·238	·237	·233	6
7	·239	·243	·243	·245	·248	·267	·285	·303	·305	·315	·318	·322	·320	·322	·318	·314	·308	·306	·306	·316	·316	·308	·306	·292	7
8	·288	·268	·274	·284	·264	·274	·282	·306	·324	·328	·335	·349	·363	·379	·381	·391	·395	·405	·412	·431	·449	·451	·449	·481	8
9	·489	·487	·483	·469	·479	·475	·497	·519	·517	·527	·530	·528	·520	·526	·524	·528	·524	·528	·536	·546	·554	·554	·550	·536	9
10	·528	·528	·500	·490	·480	·486	·486	·486	·476	·474	·456	·438	·428	·418	·406	·396	·396	·384	·384	·398	·396	·388	·392	·378	10
11	·362	·356	·338	·302	·280	·262	·248	·214	·194	·182	·182	·167	·160	·164	·176	·196	·198	·200	·210	·228	·236	·250	·258	·252	11
12	·248	·252	·246	·242	·246	·252	·250	·248	·242	·242	·246	·240	·226	·214	·202	·192	·184	·176	·188	·198	·200	·198	·190	·184	12
13	·166	·146	·124	·100	·097	·084	29·082	29·088	29·090	29·078	29·065	29·062	29·063	29·060	29·041	29·047	29·046	29·045	29·043	29·059	29·053	·051	·059	·057	13
14	·045	29·041	29·023	29·017	29·009	29·004	28·999	28·995	28·987	28·972	28·972	28·962	28·958	28·968	28·951	28·950	28·958	28·962	28·972	28·980	28·992	·002	·008	·010	14
15	·008	28·998	28·994	28·980	28·964	28·956	28·940	28·916	28·888	28·873	28·854	28·846	28·840	28·842	28·844	28·875	28·900	28·938	28·972	28·992	29·020	·036	·048	·062	15
16	·082	29·102	29·122	29·140	29·162	29·198	29·224	29·268	29·284	29·292	29·299	29·303	29·297	29·279	29·261	29·231	29·189	29·167	29·157	29·155	·159	·159	·175	·185	16
17	·191	·199	·189	·199	·197	·207	·215	·239	·265	·289	·326	·370	·410	·438	·448	·462	·480	·502	·516	·528	·538	·550	·548	·552	17
18	·536	·512	·482	·454	·428	·394	·384	·354	·330	·300	·299	·322	·327	·325	·327	·333	·333	·337	·345	·353	·357	·341	·329	·313	18
19	·293	·289	·289	·277	·273	·273	·249	·233	·216	·207	·189	·161	·129	·105	·091	·119	·141	·185	·221	·261	·289	·309	·313	·329	19
20	·337	·343	·343	·353	·363	·369	·371	·373	·373	·373	·370	·372	·366	·368	·371	·378	·384	·392	·396	·418	·436	·440	·450	·450	20
21	·448	·442	·436	·414	·396	·388	·382	·386	·368	·374	·380	·382	·396	·416	·420	·422	·422	·424	·430	·436	·438	·456	·444	·442	21
22	·452	·452	·462	·472	·462	·476	·490	·498	·498	·500	29·498	29·496	29·498	29·494	29·479	29·462	29·448	29·438	29·424	29·418	29·398	29·376	29·352	29·328	22
23	29·294	29·250	29·210	29·186	29·148	29·114	29·082	29·054	29·026	29·002	28·981	28·965	28·945	28·919	28·899	28·885	28·881	28·869	28·861	28·859	28·869	28·869	28·875	28·865	23
24	28·863	28·858	28·853	28·854	28·859	28·861	28·879	28·889	28·897	28·903	28·905	28·921	28·927	28·943	28·963	28·969	28·989	29·015	29·033	29·051	29·079	29·093	29·101	29·117	24
25	29·119	29·129	29·133	29·139	29·149	29·166	29·175	29·187	29·193	29·212	29·219	29·233	29·239	29·243	29·249	29·257	29·265	·271	·271	·283	·287	·287	·287	·287	25
26	·289	·289	·291	·291	·291	·301	·305	·312	·315	·323	·321	·322	·318	·318	·308	·301	·300	·302	·310	·314	·316	·317	·314	·308	26
27	·302	·298	·292	·288	·296	·300	·306	·310	·314	·320	·317	·326	·317	·337	·333	·333	·337	·341	·351	·369	·381	·387	·391	·397	27
28	·400	·407	·403	·409	·424	·439	·445	·457	·455	·455	·452	·456	·456	·487	·486	·476	·506	·510	·512	·528	·548	·560	·572	·576	28
29	·582	·596	·600	·602	·626	·650	·658	·678	·690	·704	·712	·730	·738	·744	·742	·752	·758	·774	·786	·792	·794	·796	·796	·798	29
30	·796	·788	·780	·776	·778	·782	·778	·778	·768	·756	·746	·742	·734	·728	·716	·705	·702	·704	·694	·698	·702	·698	·696	·694	30
31	29·686	29·676	29·674	29·668	29·672	29·668	29·670	29·658	29·646	29·638	29·630	29·620	29·612	29·600	29·594	29·589	29·584	29·590	29·606	29·606	29·620	29·618	29·622	29·626	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	48·1	48·3	48·2	48·1	48·4	49·0	50·0	51·0	52·6	56·4	57·9	59·9	60·2	59·3	59·2	60·4	60·0	59·3	58·7	54·0	51·0	50·0	48·0	47·4
2	47·2	47·3	47·8	47·8	47·9	48·1	49·0	51·0	55·0	59·8	61·2	61·1	60·9	59·8	60·6	57·9	55·8	55·1	55·0	54·2	54·0	54·0	53·9	53·0
3	52·1	51·9	51·2	50·2	49·3	49·9	51·1	52·0	53·0	52·2	54·0	54·9	54·2	55·2	55·6	56·1	55·9	55·0	53·5	49·9	48·0	47·3	48·1	47·5
4	46·9	47·0	46·8	46·1	46·3	47·9	49·2	49·5	51·1	52·6	52·2	53·9	54·4	55·0	55·8	56·0	56·4	55·2	53·4	50·2	48·0	46·6	46·8	45·1
5	45·2	44·6	42·9	43·1	43·1	43·4	44·1	46·9	53·9	58·0	59·3	61·2	63·7	64·3	65·3	66·0	65·3	63·0	61·0	58·9	56·9	54·4	53·5	51·0
6	49·8	49·0	47·1	46·1	47·2	49·5	51·4	53·5	57·0	60·2	61·3	64·5	64·0	63·8	64·0	62·9	60·1	58·4	57·7	55·7	54·0	54·2	54·2	53·7
7	54·0	53·9	53·1	53·0	52·3	51·9	52·1	52·6	54·7	55·7	55·9	57·0	57·7	57·4	56·5	55·9	55·0	55·0	54·4	52·8	51·8	51·0	50·4	50·6
8	50·2	49·3	49·1	48·7	48·6	47·8	47·0	46·6	46·7	47·2	47·2	47·8	48·8	48·0	48·0	49·0	49·0	47·5	46·2	44·8	43·9	43·0	42·8	42·1
9	41·8	41·8	42·0	42·0	42·2	42·8	43·5	43·8	44·5	45·8	46·2	47·0	47·4	49·9	50·1	49·4	49·5	48·7	47·1	46·2	46·1	45·9	45·9	44·2
10	45·1	44·9	44·9	44·2	45·9	46·6	49·0	50·7	54·6	57·0	57·5	58·8	59·9	61·6	61·8	61·0	60·0	58·0	56·0	52·9	49·9	48·8	48·2	47·8
11	46·0	47·6	46·5	45·9	45·9	47·2	49·7	50·2	52·2	51·2	52·1	51·6	53·0	53·5	53·1	57·3	58·8	60·0	57·2	55·4	53·9	52·5	52·8	51·4
12	52·1	52·8	51·5	51·9	50·9	55·0	58·0	60·0	61·9	60·3	63·1	63·3	64·0	64·8	65·0	63·0	62·8	64·0	62·2	59·2	57·0	56·1	55·8	56·5
13	55·4	55·0	56·0	55·5	54·5	54·4	54·4	55·2	54·0	55·1	57·1	55·9	59·1	58·5	61·4	59·5	56·5	56·4	55·9	50·9	50·4	51·7	51·9	51·6
14	50·9	50·5	50·5	50·6	50·2	50·9	51·9	53·3	55·4	57·4	59·4	59·0	58·0	53·5	58·9	55·6	51·8	53·1	53·7	53·0	53·1	51·0	51·5	51·6
15	51·2	49·9	50·0	49·9	50·9	52·0	51·5	51·2	51·5	53·0	57·0	58·0	59·4	54·3	55·6	54·5	55·6	55·3	54·5	53·0	51·6	51·0	50·7	51·0
16	51·0	51·1	50·6	50·2	50·2	50·0	51·1	51·8	54·9	55·1	57·6	59·2	59·8	59·2	58·6	55·5	54·0	53·6	55·0	55·4	55·3	54·6	54·8	54·1
17	54·4	54·0	53·0	52·9	53·0	52·0	51·8	51·9	53·1	57·0	58·8	59·6	58·5	60·0	59·5	61·6	61·6	59·2	58·3	55·5	54·0	51·8	50·5	52·6
18	53·7	53·6	54·8	55·2	55·9	56·0	56·1	56·2	60·5	61·0	59·0	60·0	60·9	60·8	59·8	60·2	59·0	57·8	55·5	52·5	51·0	51·3	50·0	49·9
19	49·2	47·0	47·9	47·4	48·3	49·8	52·5	52·2	50·5	51·2	52·6	53·7	51·0	51·7	51·9	51·0	51·1	51·4	51·8	50·0	49·9	49·8	49·5	49·0
20	49·1	48·8	48·1	48·0	47·1	48·0	49·9	51·3	51·4	52·7	51·7	49·1	52·3	52·4	47·9	50·0	48·4	48·3	47·8	45·7	43·4	42·5	42·6	40·9
21	40·9	39·0	37·6	39·9	39·9	44·4	45·8	42·9	43·9	39·6	41·9	45·5	45·9	45·9	47·3	48·0	47·9	46·3	46·1	45·1	44·2	44·2	44·4	44·3
22	45·0	44·9	44·9	45·0	45·1	44·8	45·8	45·8	49·6	49·8	51·9	51·9	52·1	52·4	53·0	53·8	52·9	52·5	50·3	49·2	47·9	47·6	47·3	47·0
23	47·0	47·0	47·1	46·4	45·8	45·5	45·8	45·8	46·2	46·7	47·9	49·5	50·4	52·7	50·8	49·7	49·2	49·0	49·1	49·0	48·9	48·2	47·6	47·2
24	47·5	47·4	47·2	47·1	47·9	48·8	49·5	51·1	51·9	52·1	53·5	52·9	51·0	51·8	49·0	49·5	48·4	48·9	48·2	47·1	46·9	44·9	45·6	45·9
25	44·5	44·1	44·2	44·3	44·3	46·0	50·8	50·5	50·8	52·4	52·0	53·8	51·9	52·2	52·2	51·8	51·4	52·1	50·5	49·9	48·2	48·0	48·0	47·1
26	46·2	45·8	45·9	46·9	47·0	48·7	52·0	51·9	54·5	54·9	54·2	55·8	56·2	57·3	57·1	57·6	57·0	55·0	54·4	51·1	50·3	50·0	49·0	49·0
27	48·9	48·0	47·9	48·0	48·5	48·4	49·2	52·9	53·2	56·1	55·1	54·0	57·9	50·3	54·7	54·6	56·0	55·2	54·1	52·6	51·2	50·1	49·5	48·6
28	47·5	46·6	45·1	43·3	44·9	46·2	49·9	54·5	58·0	58·2	61·5	60·8	58·9	53·3	56·5	56·0	55·9	54·9	53·0	51·8	50·2	50·0	48·3	47·0
29	47·0	46·9	47·5	49·0	48·6	48·9	49·5	51·4	55·0	54·8	54·0	53·0	54·0	55·5	56·0	55·4	55·0	53·9	53·0	51·2	48·4	47·5	44·8	43·1
30	42·9	41·9	41·1	40·0	42·9	44·0	48·8	52·9	56·4	59·6	58·8	61·2	60·0	59·9	58·6	58·0	58·2	57·5	56·0	52·3	49·4	48·4	48·5	47·3
31	47·6	47·8	46·2	44·8	46·5	48·0	53·0	54·3	54·6	56·8	58·2	61·2	59·9	59·8	60·1	60·0	59·9	57·3	51·1	48·8	47·9	48·0	48·0	47·6

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
47·6	47·8	47·9	47·9	48·0	48·3	49·7	50·0	51·1	54·2	55·1	55·9	56·1	56·0	55·9	55·1	54·9	54·6	54·2	51·9	49·6	48·8	47·1	46·9	1
47·1	47·2	47·7	47·6	47·8	48·0	48·8	50·6	53·8	56·0	56·6	56·0	56·8	55·5	55·2	53·6	53·9	53·7	53·8	53·0	52·5	52·5	52·8	51·9	2
51·6	51·2	50·2	49·8	48·0	48·1	49·1	49·0	49·5	47·5	49·1	49·9	50·0	49·8	50·6	49·0	49·0	48·6	48·5	46·8	46·0	45·3	46·2	45·9	3
45·5	46·1	45·9	45·2	45·0	46·0	47·2	47·0	48·0	48·8	48·8	49·8	49·9	50·0	50·5	50·0	50·4	49·7	49·0	47·2	46·0	45·0	45·2	44·0	4
44·1	43·9	42·0	42·4	42·1	42·1	42·9	44·8	50·0	51·5	52·0	53·7	53·2	54·0	55·9	56·6	56·2	53·9	54·0	53·0	51·4	50·9	49·9	47·9	5
46·1	45·9	44·4	44·1	45·0	46·9	48·3	49·6	51·0	53·4	53·9	54·8	54·9	54·8	54·2	54·0	53·8	53·2	53·0	52·6	52·1	52·2	52·8	52·4	6
52·5	52·3	52·0	52·2	51·9	51·2	51·9	52·0	53·0	53·0	52·3	53·0	52·2	52·9	53·5	53·1	53·7	54·0	53·2	52·0	50·9	50·2	49·8	49·8	7
49·0	47·9	47·8	47·3	47·6	46·9	46·0	45·8	45·7	45·8	46·1	45·9	46·7	45·9	45·8	46·0	45·8	44·2	43·2	41·9	41·0	40·0	39·8	39·1	8
38·9	38·9	39·0	39·0	39·6	40·1	41·0	41·1	41·8	42·7	43·2	44·2	44·9	46·4	46·5	45·9	46·0	45·6	45·0	44·2	44·2	44·5	44·2	43·2	9
44·0	44·0	44·0	43·6	44·9	44·9	46·2	46·9	49·8	50·8	51·6	52·9	54·0	54·6	54·8	54·9	53·6	51·8	50·4	48·1	46·2	45·2	44·9	44·1	10
43·5	44·9	44·6	44·6	44·9	46·1	47·7	47·8	48·6	48·1	49·4	50·0	51·1	51·9	52·1	54·5	55·0	55·8	53·2	52·3	51·4	50·0	50·0	49·2	11
49·9	49·8	49·1	49·3	48·9	51·5	54·0	55·0	56·2	54·3	56·5	56·2	56·2	56·4	57·0	55·9	56·6	56·5	55·4	54·0	52·2	52·1	52·0	52·2	12
51·8	51·4	52·1	51·9	52·2	52·8	53·0	53·0	51·9	52·8	53·1	52·8	54·3	52·9	54·4	54·0	52·8	53·0	52·2	49·7	49·8	50·0	50·8	50·7	13
49·8	49·6	49·8	49·5	49·0	49·3	49·9	50·9	51·8	52·4	53·5	52·5	52·2	51·4	53·5	51·0	50·0	51·2	51·2	50·1	49·9	49·2	49·5	49·6	14
49·0	48·1	48·5	48·6	49·0	49·5	49·0	49·0	49·3	50·9	53·0	54·5	53·1	52·0	53·6	51·9	52·0	51·4	50·1	48·9	48·0	48·0	48·2	48·5	15
48·7	48·8	46·9	48·0	48·2	48·8	50·0	49·0	50·2	49·6	51·2	51·8	51·9	52·9	51·9	52·8	51·6	51·9	52·9	53·2	52·7	52·3	52·1	51·7	16
51·3	50·6	50·2	50·0	50·7	50·2	50·4	51·0	51·5	53·1	53·0	53·3	53·0	53·1	53·8	55·0	54·9	52·5	52·8	51·3	50·4	49·0	48·9	50·2	17
51·4	51·9	53·5	54·0	54·6	54·6	54·8	54·9	57·9	58·3	57·1	56·0	55·8	54·3	52·2	52·0	51·0	50·8	49·3	48·0	47·4	48·0	47·0	47·0	18
47·0	45·3	46·3	46·0	46·3	46·9	48·3	48·2	48·7	49·6	50·7	50·0	49·6	50·2	50·5	49·4	49·5	49·0	49·2	47·8	48·6	48·7	48·8	46·8	19
48·2	47·4	46·7	46·5	45·0	45·8	46·9	47·4	45·4	47·0	46·9	45·1	47·4	47·0	44·0	45·1	45·0	42·0	41·9	40·8	39·1	38·4	38·7	37·8	20
37·1	36·6	36·0	37·9	38·5	42·0	42·1	39·9	41·7	38·3	40·3	41·5	42·0	41·0	42·8	41·3	41·0	40·9	41·2	40·3	40·4	40·9	40·1	40·1	21
41·2	41·1	40·9	41·0	41·0	42·2	42·8	43·0	45·1	45·0	45·6	46·0	45·9	46·0	46·0	46·3	46·0	46·0	46·1	45·8	45·4	45·2	45·2	44·9	22
45·0	44·8	44·1	44·7	44·2	44·0	44·6	44·9	45·1	45·6	46·8	47·9	48·9	50·8	49·4	49·0	48·5	48·8	48·4	48·1	48·0	47·3	46·5	46·4	23
46·7	46·2	46·1	46·0	46·5	46·9	47·5	48·6	49·0	48·9	49·9	49·0	47·9	48·0	46·3	46·8	45·2	45·2	45·0	43·8	43·9	42·8	42·9	42·7	24
42·5	42·1	42·5	43·0	43·0	44·5	48·2	47·9	47·0	46·9	47·8	47·8	47·0	47·5	47·8	46·8	47·0	47·0	46·9	47·1	46·6	46·8	46·9	46·0	25
45·0	44·8	45·0	46·0	46·4	47·9	49·9	48·0	49·9	49·4	50·0	49·9	49·0	50·0	50·5	50·0	50·2	49·8	49·9	48·6	48·9	48·3	47·5	47·4	26
47·0	46·6	46·1	46·5	46·9	47·0	47·3	49·8	48·7	50·9	49·6	50·2	50·9	48·0	50·5	50·9	51·8	51·4	52·1	50·8	50·0	49·0	48·5	47·5	27
46·4	45·7	44·2	42·8	44·0	45·1	48·0	51·3	52·2	51·7	53·2	52·3	52·5	49·0	51·8	51·2	51·7	50·1	49·5	49·0	48·7	47·5	46·7	46·0	28
45·9	45·3	45·8	46·9	46·3	45·9	46·7	47·3	49·9	50·0	49·8	49·2	50·1	50·3	51·0	50·4	50·9	49·2	48·9	47·4	46·1	45·0	42·9	42·0	29
41·4	40·8	40·0	38·9	41·0	42·0	46·0	49·4	51·0	53·8	53·7	54·8	53·0	52·0	52·0	51·9	51·9	51·5	50·8	49·4	47·4	45·9	47·3	46·2	30
46·3	46·9	45·0	44·0	45·5	46·8	50·2	50·8	50·7	50·5	52·9	54·5	54·0	54·1	54·0	55·1	54·9	52·1	48·1	46·5	45·7	45·0	45·3	45·0	31

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51' N. LONG: 2°28' W. HOURLY VALUES May 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	2	6·5	2	6·5	2	5·5	2	5·5	2	5·5	2	5·5	2	4·5	2	6·5	2	6·5	4	4	3	3	8	4·5
2	23	3	23	4	23	2	23	2	23	2	23	2	23	2	23	1·5	31	3	20	5·5	22	8·5	21	11
3	20	5·5	20	4·5	22	4·5	20	6·5	20	6·5	20	5·5	21	8·5	22	9·5	23	8·5	20	7·5	22	9·5	20	8·5
4	22	8·5	21	8·5	21	7·5	21	9·5	21	11	20	12	22	14	21	15	21	19	21	23	22	25	22	24
5	20	1·5	20	1·5	20	1·5	20	2	20	1·5	20	1·5	17	1·5	17	2	12	5·5	14	9·5	15	7·5	14	6·5
6	3	6·5	5	7·5	3	8·5	1	6·5	6	12	7	14	6	17	8	14	8	21	9	23	8	25	8	23
7	2	9·5	7	5·5	6	4	3	5·5	3	6·5	3	4·5	3	3	32	4·5	31	4	26	9·5	27	12	26	13
8	5	7·5	4	14	6	17	4	16	6	24	6	25	6	25	6	23	6	24	6	26	6	23	6	23
9	2	15	5	19	6	16	5	16	5	17	5	22	6	20	5	14	3	15	5	16	6	18	6	13
10	4	5·5	3	6·5	2	9·5	2	6·5	4	7·5	1	9·5	4	8·5	5	9·5	5	11	8	15	7	19	9	19
11	1	13	3	8·5	3	14	1	9·5	1	10·5	4	13	8	20	8	23	8	28	8	24	8	23	8	19
12	10	4	8	3	7	4·5	12	4·5	15	4·5	10	5·5	13	10·5	14	17	14	17	16	19	15	20	15	21
13	6	4·5	7	2	7	5·5	9	5·5	7	5·5	10	11	11	7·5	11	12	13	12	13	16	14	16	14	19
14	19	4	19	2	19	3	19	2	18	6·5	16	9·5	16	12	16	16	16	19	15	21	17	19	17	16
15	17	14	16	11	15	16	15	16	14	19	14	21	14	20	13	19	12	23	14	23	16	31	16	22
16	19	12	19	15	19	12	19	13	19	10·5	19	11	21	13	22	15	22	15	22	15	20	13	19	16
17	17	19	17	18	17	19	16	19	16	19	16	18	18	12	20	13	18	16	20	23	21	25	22	26
18	19	3	7	4	5	4·5	7	5·5	14	11	13	5·5	7	4	6	3	14	18	15	19	19	16	21	22
19	17	14	20	14	20	10·5	19	9·5	19	11	19	16	19	22	18	25	18	23	19	19	19	22	19	21
20	22	16	22	16	22	16	23	14	23	17	23	12	23	19	23	18	24	19	23	18	24	17	25	15
21	26	7·5	27	3	27	4·5	23	10·5	18	6·5	22	13	22	17	25	18	23	19	24	20	25	17	24	25
22	25	16	25	15	25	13	25	12	26	12	23	8·5	23	10·5	22	10·5	24	15	23	16	23	17	23	17
23	20	2	13	4·5	11	5·5	12	9·5	10	9·5	8	9·5	7	7·5	4	6·5	5	5·5	4	6·5	6	5·5	6	6·5
24	2	5·5	2	7·5	3	5·5	3	3	3	6·5	2	11	4	8·5	5	9·5	5	8·5	4	9·5	5	11	6	11
25	1	2	1	1·5	1	2	1	2	1	4	27	4	22	6·5	23	7·5	26	14	24	18	23	18	24	17
26	19	1·5	19	1·5	19	1·5	19	2	19	2	21	4·5	19	7·5	20	6·5	21	14	23	15	21	14	22	15
27	19	6·5	18	4·5	17	5·5	18	4	18	4	17	6·5	16	12	16	10·5	19	13	16	11	19	10·5	23	7·5
28	23	3	23	2	23	4	23	4	23	3	23	4	32	3	1	4	5	3	3	2	7	4	13	4·5
29	2	5·5	7	6·5	2	5·5	1	9·5	4	7·5	2	11	2	11	4	12	5	11	5	12	4	11	4	9·5
30	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	3	18	4·5	22	7·5	22	10·5	22	12
31	24	2	24	2	27	4·5	30	4	30	3	30	1·5	30	2	7	2	16	3	13	3	18	4·5	22	8·5

DAYS	1		2		3		4		5		6		7		8		9		10		11		MIDT.	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	11	3	22	5·5	24	4·5	23	7·5	25	8·5	25	6·5	19	5·5	20	6·5	22	7·5	23	4	23	4	23	4·5
2	20	14	22	11	21	14	22	16	22	9·5	20	5·5	20	3	20	4	20	5·5	20	5·5	20	4·5	23	8·5
3	23	10·5	22	12	22	13	23	14	21	12	22	11	22	8·5	22	7·5	22	6·5	22	6·5	22	9·5	22	8·5
4	23	21	22	25	23	22	23	22	22	19	22	16	22	11	23	5·5	23	5·5	23	4·5	23	2	20	1·5
5	13	8·5	15	9·5	16	8·5	14	10·5	14	10·5	13	10·5	14	3	9	4·5	8	4·5	3	4	2	4	3	3
6	8	23	8	22	8	23	8	22	8	19	8	19	9	18	9	15	8	12	9	10·5	10	8·5	5	6·5
7	27	12	28	8·5	30	5·5	29	3	29	2	29	2	31	4·5	5	4·5	5	5·5	3	8·5	2	5·5	5	7·5
8	6	19	6	21	5	18	5	18	6	22	6	21	6	21	6	21	6	24	5	23	6	25	5	15
9	7	12	6	15	6	14	7	16	6	14	7	12	7	11	6	11	7	11	7	8·5	6	5·5	4	6·5
10	8	19	9	22	7	18	8	17	8	18	6	14	6	12	3	12	3	12	3	8·5	3	13	2	13
11	9	17	9	14	11	8·5	20	6·5	18	2	10	4·5	10	4	10	3	10	2	10	2	10	2	10	4
12	14	20	14	20	15	19	15	16	14	9·5	14	16	14	11	14	10·5	15	4	15	2	15	3	7	3
13	16	17	19	10·5	21	9·5	15	9·5	20	10·5	19	3	19	8·5	21	5·5	21	2	18	4	20	4·5	20	4·5
14	18	16	21	8·5	16	18	16	16	19	8·5	19	6·5	19	7·5	19	9·5	18	9·5	17	6·5	18	13	16	17
15	15	29	18	16	18	13	19	22	19	21	19	20	19	19	19	19	19	12	20	13	19	10·5	19	13
16	17	22	17	22	15	22	14	17	13	27	14	32	15	27	15	25	17	22	18	22	18	20	18	19
17	21	25	20	20	21	20	19	21	20	20	21	18	21	16	20	9·5	20	8·5	21	4·5	21	2	19	4
18	20	19	21	22	21	24	20	24	20	22	20	18	20	19	21	9·5	21	6·5	20	9·5	19	9·5	18	13
19	20	21	20	25	21	30	22	29	22	31	21	27	22	27	22	16	21	11	23	14	22	15	21	16
20	24	17	23	17	26	10·5	30	8·5	30	11	26	19	26	14	27	6·5	29	8·5	29	8·5	26	6·5	26	5·5
21	25	23	25	28	25	26	25	23	26	24	25	19	24	15	25	11	24	17	24	14	24	17	25	20
22	23	16	22	17	23	14	23	12	23	12	22	11	22	5·5	22	2	22	1·5	22	1·5	22	1·5	22	1·5
23	4	6·5	3	7·5	2	10·5	2	8·5	31	10·5	2	9·5	2	8·5	2	7·5	3	7·5	2	6·5	2	8·5	2	5·5
24	2	10	4	11	3	10·5	1	10·5	3	9·5	2	7·5	1	8·5	2	7·5	1	3	1	2	1	4·5	1	3
25	23	19	23	21	23	19	23	18	23	18	23	14	23	12	23	5·5	23	4	21	4	19	2	19	2
26	23	16	22	15	21	13	22	15	22	13	20	12	22	8·5	22	2	22	1·5	22	2	21	4	21	2
27	20	4	26	8·5	23	3	23	2	23	2	23	1·5	23	2	23	4	23	1·5	23	2	23	2	23	3
28	4	6·5	14	4·5	21	6·5	21	7·5	6	8·5	4	6·5	3	5·5	3	4·5	3	5·5	2	7·5	2	8·5	2	7·5
29	4	6	3	11	3	9·5	4	7·5	5	7·5	2	7·5	2	5·5	3	3	3	2	3	3	3	2	3	2
30	24	12	25	17	26	17	26	18	25	14	25	8·5	23	8·5	23	6·5	23	7·5	23	4	23	4	23	2
31	24	7	22	4·5	22	8·5	26	11	27	9·5	30	9·5	2	10·5	3	9·5	4	10·5	6	10·5	8	8·5	6	8·5

1 day RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1		·001	·001																					
2		·003	·002	·002	·003	·001	·001										·010	·015						
3																								
4																								
5																								
6																					·017	·012	·007	·012
7				·050	·040	·030	·040	·037	·012	·002							·030	·018	·002	·018	·022	·040	·070	·040
8	·041	·004	·002	·002	·002																			
9																								
10																								
11				·020	·030	·013	·005	·010	·010	·002		·030	·010	·002	·008	·006								
12	·001	·001	·001	·001																				
13					·017	·040	·020	·015	·020	·013		·006	·002			·002				·040				
14	Total in 14 hours ending 10am = ·261												·100	·062	·002	·036	·234	·010						
15								·028	·012	·020	·010	·002		·142	·022	·067								
16						·005	·090			·002					·005	·045	·040	·005						
17						·030	·075	·116	·005	·003	·002	·002												
18	·008	·010	·020	·005	·050	·015	·012	·076	·007		·250	·010											·002	·002
19	·002	·122	·005						·027	·047	·040	·005	·085	·090	·065	·010	·035	·010	·002	·003		·020		·005
20			·002			·002	·002								·010	·002	·030	·002					·002	
21					·045	·007	·002	·010	·075	·200	·090	·020		·012	·002								·002	
22							·002			·002	·002													
23	·008			·010	·050	·050	·080	·083	·010	·060						·118		·030	·012				·008	·010
24							·002			·002														
25					·002	·038	·002	·002	·012	·002														
26																								
27					·007	·006				·002	·002	·003		·160	·025	·002	·002							
28																								
29																								
30																								
31																								
													197			288				061				
·075	·060	·141	·033	·090	·246	·237	·333	·377	·190	·349	·396	·072	·195	·468	·139	·286	·381	·090	·016	·021	·039	·072	·091	·069
6	4	4	4	5	9	11	10	8	10	8	6	6	3	5	7	7	6	7	3	2	2	3	6	5

* Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·324	·326	·330	·331	·330	·330	·353	·348	·356	·391	·397	·393	·396	·403	·402	·368	·367	·367	·363	·357	·338	·329	·312	·315
2	·373	·324	·330	·328	·331	·334	·343	·364	·397	·397	·397	·382	·406	·384	·367	·358	·390	·394	·397	·385	·374	·374	·383	·371
3	·376	·367	·350	·353	·318	·313	·325	·310	·311	·275	·290	·301	·308	·297	·311	·273	·275	·272	·283	·283	·285	·278	·289	·290
4	·288	·301	·299	·291	·283	·286	·301	·292	·298	·299	·303	·307	·305	·302	·308	·295	·299	·294	·295	·289	·285	·280	·282	·274
5	·275	·278	·256	·265	·256	·253	·262	·272	·311	·307	·305	·325	·292	·304	·337	·347	·344	·312	·334	·331	·314	·328	·314	·297
6	·269	·274	·261	·266	·273	·290	·301	·307	·304	·328	·329	·320	·326	·326	·310	·315	·338	·342	·345	·358	·363	·364	·380	·376
7	·374	·369	·373	·380	·381	·367	·384	·380	·379	·368	·349	·351	·326	·345	·371	·369	·369	·403	·389	·377	·361	·353	·351	·348
8	·332	·316	·316	·309	·317	·310	·298	·298	·295	·291	·298	·286	·293	·283	·281	·276	·272	·252	·246	·233	·225	·215	·213	·208
9	·207	·207	·207	·207	·216	·219	·229	·228	·235	·240	·246	·257	·268	·274	·275	·270	·271	·271	·274	·267	·268	·277	·270	·267
10	·274	·276	·276	·276	·286	·278	·280	·277	·301	·300	·314	·330	·345	·341	·344	·356	·335	·314	·304	·280	·270	·261	·259	·247
11	·255	·266	·272	·279	·286	·298	·306	·302	·299	·299	·319	·340	·350	·364	·376	·388	·383	·390	·354	·353	·345	·329	·325	·323
12	·332	·320	·320	·319	·322	·337	·367	·369	·378	·349	·373	·363	·356	·354	·366	·359	·379	·364	·355	·352	·332	·342	·347	·339
13	·340	·335	·343	·342	·360	·377	·383	·373	·357	·369	·353	·361	·361	·334	·340	·349	·353	·359	·346	·342	·351	·339	·357	·358
14	·344	·344	·350	·341	·332	·332	·334	·341	·340	·333	·338	·319	·323	·351	·343	·320	·338	·351	·342	·325	·319	·328	·330	·330
15	·320	·313	·317	·325	·324	·323	·317	·320	·325	·345	·351	·380	·328	·357	·385	·352	·344	·329	·308	·297	·292	·299	·307	·311
16	·316	·317	·325	·307	·312	·329	·347	·313	·308	·292	·309	·301	·299	·326	·310	·365	·350	·361	·372	·377	·367	·361	·354	·351
17	·338	·324	·327	·323	·327	·340	·348	·362	·360	·354	·332	·332	·336	·323	·344	·351	·349	·317	·334	·328	·320	·313	·327	·332
18	·348	·361	·392	·401	·409	·406	·412	·413	·443	·448	·439	·395	·379	·343	·305	·297	·287	·294	·284	·282	·285	·295	·286	·287
19	·296	·282	·293	·293	·289	·286	·289	·290	·322	·335	·345	·314	·338	·344	·349	·333	·335	·318	·318	·304	·325	·330	·336	·294
20	·326	·310	·301	·297	·274	·281	·285	·282	·259	·260	·267	·256	·271	·262	·244	·247	·260	·204	·206	·206	·195	·192	·196	·195
21	·183	·192	·194	·206	·218	·240	·229	·214	·239	·217	·232	·220	·226	·208	·226	·194	·190	·202	·210	·201	·211	·220	·204	·205
22	·218	·217	·213	·214	·213	·239	·242	·246	·251	·247	·239	·247	·243	·243	·238	·237	·239	·242	·264	·270	·273	·272	·276	·273
23	·275	·271	·254	·264	·271	·270	·280	·287	·287	·293	·305	·314	·328	·346	·335	·338	·333	·343	·331	·325	·323	·315	·303	·305
24	·309	·298	·298	·297	·298	·298	·304	·312	·311	·307	·314	·300	·297	·289	·283	·288	·264	·260	·261	·248	·252	·250	·246	·239
25	·249	·245	·253	·261	·261	·276	·306	·302	·278	·260	·283	·265	·267	·275	·281	·264	·272	·265	·279	·289	·297	·304	·307	·297
26	·285	·285	·288	·299	·308	·324	·333	·288	·304	·290	·308	·294	·272	·281	·293	·278	·287	·298	·305	·312	·329	·317	·310	·308
27	·299	·299	·288	·297	·302	·305	·303	·318	·290	·314	·291	·315	·295	·306	·316	·327	·335	·333	·362	·348	·345	·333	·329	·315
28	·302	·296	·279	·269	·276	·287	·310	·337	·323	·309	·311	·298	·320	·296	·329	·327	·334	·305	·311	·313	·325	·298	·299	·290
29	·296	·283	·287	·296	·287	·275	·275	·279	·300	·304	·306	·304	·312	·306	·317	·308	·323	·293	·297	·283	·283	·269	·253	·254
30	·243	·242	·234	·224	·235	·244	·278	·309	·312	·343	·350	·351	·321	·300	·312	·316	·314	·312	·313	·316	·303	·303	·311	·299
31	·298	·310	·285	·278	·293	·304	·327	·326	·322	·296	·338	·344	·345	·349	·343	·372	·368	·326	·300	·289	·279	·263	·270	·268

Meteorological Office
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28' N LONG 0°19' W

HOURLY VALUES May 1878.

BAROMETER. CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·594	29·586	29·579	29·573	29·572	29·583	29·582	29·587	29·595	29·599	29·594	29·583	29·579	29·574	29·571	29·573	29·583	29·603	29·627	29·661	29·676	29·682	29·700	29·714	1
2	·725	·734	·743	·759	·770	·797	·817	29·837	29·853	29·864	·873	·876	·886	·886	·883	·882	·886	·909	·926	·948	·955	·970	29·979	29·982	2
3	29·979	29·974	29·978	29·976	29·981	29·990	29·996	30·002	30·004	30·001	29·999	29·985	29·988	29·985	29·976	29·969	29·970	29·968	29·975	29·984	29·995	29·999	30·007	30·010	3
4	30·012	30·024	30·027	30·033	30·047	30·059	30·066	·072	·067	·067	30·069	30·061	30·062	30·057	30·054	30·056	30·058	30·064	30·070	30·078	30·087	30·090	30·088	30·085	4
5	30·084	30·086	30·079	30·079	30·080	30·076	30·071	30·062	30·054	30·036	30·021	30·008	30·000	29·976	29·954	29·928	29·917	29·921	29·921	29·920	29·908	29·877	29·865	29·848	5
6	29·823	29·797	29·770	29·744	29·731	29·713	29·700	29·697	29·692	29·686	29·673	29·658	29·645	·622	·618	·610	·602	·590	·600	·603	·608	·609	·606	·598	6
7	·602	·607	·615	·612	·626	·641	·656	·667	·668	·664	·659	·656	·649	·636	·627	·612	·607	·601	·604	·609	·611	·612	·605	·599	7
8	·595	·591	·587	·576	·576	·588	·593	·599	·597	·594	† ·610	† ·620	† ·630	† ·620	† ·630	† ·640	† ·650	† ·650	† ·660	† ·680	† ·700	† ·710	† ·720	† ·740	8
9	† ·750	† ·750	† ·740	† ·750	† ·760	† ·760	† ·800	† ·810	† ·810	† ·810	† ·800	† ·810	† ·810	† ·810	† ·800	† ·810	† ·810	† ·830	† ·830	† ·850	† ·860	† ·860	† ·850	† ·840	9
10	† ·830	† ·820	† ·800	† ·800	† ·800	† ·800	† ·800	† ·800	† ·780	† ·770	·768	·746	·744	† ·736	·726	·714	·710	·705	·705	·693	·685	·688	·670	·652	10
11	·640	·612	·604	·577	·550	·538	·575	·556	·539	·542	·562	·585	·597	·616	·619	·628	·632	·640	·649	·672	·674	·678	·672	·672	11
12	·678	·676	·669	·658	·657	·658	·654	·655	·656	·656	·659	·649	·641	·635	·630	·619	·605	·597	·602	·593	·591	·587	·571	·557	12
13	·549	·523	·505	·491	·519	·523	·523	·533	·540	·552	·550	·547	·552	·540	·534	·536	·535	·533	·546	·553	·558	·553	·552	·537	13
14	·531	·513	·499	·483	·480	·479	·461	·455	·458	·455	·456	·458	·462	·461	·457	·463	·474	·486	·508	·527	·542	·559	·563	·562	14
15	·559	·543	·532	·514	·496	·484	·463	·452	·450	·448	·442	·428	·435	·446	·451	·481	·490	·511	·536	·549	·557	·560	·575	·589	15
16	·603	·637	·658	·684	·710	·741	·761	·786	·800	·807	·824	·841	·843	·832	·823	·817	29·799	29·778	29·767	29·770	29·771	29·772	29·773	29·777	16
17	29·784	·778	·776	·775	·786	·797	·804	·825	·847	·881	·901	·928	·951	·967	·979	·996	30·006	30·014	30·017	30·031	30·040	30·042	30·041	30·023	17
18	30·010	·946	·894	·884	·844	·822	·800	·809	·779	·804	·799	·794	·794	·812	·821	·837	29·850	29·862	29·874	29·885	29·897	29·903	29·899	29·895	18
19	29·885	·874	·858	·833	·841	·851	·855	·856	·849	·848	·840	·828	·818	·816	·816	·805	·810	·828	·835	·848	·852	·852	·854	·862	19
20	·872	·868	·868	·866	·866	·863	·860	·853	·846	·834	·829	·806	·803	·789	·765	·752	·744	·744	·751	·769	·787	·795	·814	·838	20
21	·852	·863	·869	·881	·890	·899	·905	·902	·899	·887	·882	·871	·842	·849	·868	·858	·859	·869	·873	·887	·901	·905	·908	·913	21
22	·910	·909	·908	·908	·915	·920	·940	·934	·937	·937	·941	·940	·932	·924	·918	·905	·894	·885	·869	·867	·857	·830	·815	·800	22
23	·773	·743	·691	·639	·601	·565	·537	·499	·466	·428	·411	·384	·368	·351	·339	·327	·311	·305	·311	·322	·338	·340	·342	·334	23
24	·333	·324	·319	·312	·300	·294	·297	·288	·284	·278	·275	† ·271	·263	·255	·258	·255	·261	·278	·284	·302	·337	·356	·394	·430	24
25	·448	·469	·490	·512	·538	·570	·591	·608	·621	† ·634	·635	·645	·656	·657	·663	·671	·684	·693	·707	·723	·739	·747	·749	·747	25
26	·742	·736	·737	·737	·749	·753	·758	·763	·767	·771	·775	·783	·776	·766	·762	·765	·763	·769	·777	·788	·794	·796	·800	·794	26
27	·788	·782	·776	·776	·782	·780	·784	·780	·779	·774	·773	·761	·759	·752	·748	·748	·750	·757	·763	·780	·790	·791	·790	·779	27
28	·775	·774	·775	·770	·772	·775	·773	·777	·780	·773	·760	·756	·755	·742	·734	29·725	29·735	29·753	29·764	29·779	29·784	29·796	29·799	29·797	28
29	29·795	29·790	29·778	29·772	29·790	29·818	29·824	29·864	29·888	† 29·914	29·937	29·956	29·966	29·977	29·994	30·010	30·024	30·046	30·064	30·089	30·105	30·113	30·112	30·114	29
30	30·112	30·105	30·110	30·113	30·119	30·122	30·124	30·124	30·125	30·128	30·122	30·118	30·110	30·098	30·093	30·084	30·081	30·073	30·066	30·066	30·065	30·063	30·061	30·060	30
31	30·052	30·040	30·030	30·028	30·026	30·023	30·018	30·018	30·009	29·998	29·990	29·973	29·958	29·947	29·936	29·928	29·926	29·922	29·914	29·916	29·921	29·922	29·928	29·932	31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	54·8	54·0	53·4	53·1	53·0	53·2	55·0	56·6	56·8	57·4	61·0	61·9	65·7	65·7	64·5	64·1	64·0	61·1	59·5	58·5	56·9	55·6	54·1	53·0
2	52·0	51·1	50·0	49·0	49·0	49·0	49·4	51·2	53·7	56·0	59·5	60·0	61·1	62·5	65·2	66·6	66·2	62·4	60·3	58·6	56·8	56·0	55·1	54·6
3	53·7	52·6	52·6	52·4	52·5	54·0	54·7	56·1	57·0	58·0	59·0	61·0	61·2	60·9	63·1	62·9	63·0	59·0	58·0	57·0	55·6	55·1	54·1	53·0
4	50·9	48·9	48·9	47·0	45·8	46·1	48·1	50·3	53·0	55·5	58·0	58·8	60·4	60·6	61·2	61·0	60·0	59·0	58·2	55·8	54·2	52·4	51·8	50·6
5	48·9	47·8	46·0	43·6	42·1	43·9	47·5	54·1	58·8	59·9	63·1	62·0	63·0	63·2	64·9	63·0	61·1	59·0	56·1	53·8	51·7	50·9	50·1	49·2
6	49·2	49·9	49·9	49·9	50·2	51·7	53·5	55·5	57·3	58·9	62·9	64·2	63·9	64·0	62·9	62·5	62·6	61·8	61·3	60·0	59·7	57·5	56·9	56·6
7	56·6	56·9	56·3	56·0	55·3	55·8	56·0	57·0	58·3	60·3	62·2	63·2	64·9	65·8	65·9	65·2	64·7	63·1	57·6	57·3	57·1	57·0	56·0	55·9
8	55·3	55·0	54·9	54·3	54·2	54·0	53·5	53·3	54·2	54·9	55·8	56·1	56·0	57·2	57·7	57·8	57·9	58·0	55·4	53·0	51·0	49·8	49·0	47·0
9	48·0	49·3	50·0	49·5	49·0	48·8	50·4	51·0	55·0	57·0	59·0	60·9	63·0	62·0	63·7	61·1	60·3	58·5	55·2	52·8	53·0	52·0	51·2	51·0
10	51·2	50·6	51·3	51·3	51·2	52·1	53·9	56·5	59·6	62·6	63·8	64·7	66·5	66·6	67·1	65·0	62·1	60·6	58·0	57·0	56·3	56·1	54·7	55·7
11	55·6	55·3	55·0	54·9	55·0	55·9	56·0	56·0	58·1	60·9	59·4	62·6	63·2	64·9	65·7	65·4	65·7	64·7	61·0	57·4	55·9	53·7	51·0	51·1
12	51·3	51·9	53·2	51·8	51·8	54·4	58·6	61·0	63·0	64·8	65·5	67·2	68·1	68·7	69·9	70·4	69·0	69·0	65·7	60·4	59·2	57·6	56·8	56·9
13	57·1	56·5	56·6	55·0	53·7	53·5	54·5	55·1	56·6	56·9	58·3	59·0	59·4	60·0	61·1	60·0	58·1	58·5	57·0	54·7	53·5	51·9	52·0	52·4
14	53·3	52·3	52·2	52·0	51·0	51·6	52·7	55·0	55·1	55·6	58·9	59·6	61·2	61·0	60·8	61·5	60·0	60·0	56·8	55·0	54·0	53·2	52·9	52·6
15	53·6	53·0	53·3	53·7	53·6	53·1	53·0	53·3	55·6	57·5	59·2	60·4	58·1	59·2	59·5	58·2	60·0	58·0	56·9	54·8	54·0	53·9	53·2	53·0
16	51·9	51·4	50·8	50·0	51·1	53·0	55·1	56·3	58·3	58·9	60·0	59·9	60·1	61·0	59·6	57·9	56·0	56·0	57·1	57·5	56·7	57·2	57·5	57·2
17	57·7	57·6	57·2	57·7	57·9	58·0	59·4	59·5	61·0	62·0	62·0	63·5	65·1	65·3	66·0	65·9	65·1	62·9	60·9	60·0	59·3	58·9	58·5	57·1
18	58·0	57·9	57·1	57·8	58·0	60·1	59·9	60·8	62·0	63·9	65·7	68·5	68·8	67·2	66·8	66·8	64·7	62·6	60·4	56·6	54·5	53·1	52·7	52·0
19	53·1	52·8	53·0	53·0	53·4	53·0	54·8	56·0	57·6	58·8	59·0	59·2	60·0	60·7	59·8	58·6	57·9	55·8	54·9	53·8	53·3	53·0	53·1	52·1
20	52·5	51·5	51·0	51·0	51·5	50·8	52·0	52·5	54·0	54·3	54·6	56·0	52·5	53·3	55·1	54·2	53·3	52·0	51·0	47·0	47·0	46·3	45·7	43·8
21	43·4	41·5	40·1	39·1	40·6	42·1	44·7	47·0	49·1	50·0	51·7	53·5	55·0	54·0	44·0	48·9	53·1	54·1	53·0	49·2	47·2	45·8	45·0	43·9
22	42·8	42·0	42·2	41·9	44·0	46·5	49·0	50·2	52·3	53·2	52·5	54·0	57·0	57·5	57·1	57·0	54·8	53·8	52·7	52·1	51·2	50·0	49·8	49·6
23	48·1	47·5	47·1	47·5	48·1	49·4	50·6	50·8	52·3	54·0	55·0	58·7	59·0	60·4	59·0	59·6	59·9	59·6	56·5	54·6	53·7	53·3	52·9	52·3
24	52·0	51·6	51·1	51·0	51·0	51·3	53·0	53·6	55·9	56·9	58·2	58·1	58·1	58·2	51·7	53·5	52·3	52·5	52·1	51·6	51·0	50·0	49·3	49·0
25	48·3	48·0	46·0	46·1	46·0	47·0	48·9	50·3	52·5	53·8	56·0	55·8	57·0	55·3	55·4	57·5	55·0	52·9	52·1	50·8	50·8	48·4	46·1	45·0
26	47·0	47·1	48·1	48·8	49·4	50·6	52·0	54·8	56·5	57·0	58·4	53·6	57·2	59·0	59·0	56·5	57·1	57·0	53·5	51·8	50·1	50·4	49·1	48·5
27	48·3	48·8	48·8	47·5	48·7	50·0	52·0	54·1	55·4	55·1	54·2	56·7	60·8	59·9	60·1	60·0	60·0	59·2	56·6	53·5	51·6	49·1	49·6	48·0
28	46·5	45·5	47·0	46·7	47·9	49·2	52·0	54·1	57·1	59·2	60·0	61·8	59·4	58·9	60·4	59·4	53·8	52·0	52·0	52·0	52·0	52·6	51·9	51·0
29	50·3	49·9	49·8	49·9	50·0	50·0	51·0	51·3	51·5	51·2	51·6	51·9	54·2	55·6	56·1	55·9	55·0	54·0	52·8	50·9	50·0	50·0	49·8	49·2
30	49·0	48·8	48·3	47·8	47·8	47·6	47·9	48·5	49·8	51·0	52·1	52·3	52·6	53·6	54·1	54·3	54·0	53·7	53·0	53·0	50·0	46·6	44·9	42·0
31	42·2	42·0	41·0	40·1	40·1	42·6	48·9	51·2	52·5	56·2	57·0	58·9	61·0	61·9	62·8	61·9	60·7	59·5	57·6	53·2	52·1	50·5	51·0	51·3

† Approximate.

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
53·9	53·1	52·8	52·6	52·1	52·3	53·5	54·4	55·0	56·5	58·0	57·4	61·0	60·5	58·8	59·1	56·7	57·0	56·2	55·9	55·0	54·1	53·2	52·4	1
51·6	51·0	49·9	49·0	49·0	49·0	49·3	51·0	53·0	54·6	57·0	57·1	58·0	58·3	61·0	60·2	59·8	57·1	55·8	55·0	54·6	54·0	53·7	53·1	2
52·8	52·0	52·0	52·0	52·1	53·0	53·6	54·2	54·8	55·0	55·1	55·2	56·0	55·1	55·7	55·5	55·4	53·5	53·6	53·4	54·0	54·0	53·1	51·1	3
50·0	48·5	48·2	46·8	45·4	45·2	46·8	47·9	49·0	50·6	50·9	50·3	52·5	51·2	52·0	52·3	52·0	52·9	52·5	52·0	51·2	50·7	50·0	49·0	4
48·3	47·7	45·6	43·2	47·0	43·8	47·0	51·8	52·4	53·3	55·4	54·1	55·5	55·0	56·5	54·1	52·1	50·0	48·7	47·8	47·9	47·8	47·7	47·1	5
47·8	48·3	48·7	48·7	49·0	50·0	51·1	52·2	54·0	54·9	57·8	59·0	59·0	58·9	57·6	57·2	58·0	57·6	57·4	56·9	56·7	56·0	56·0	56·0	6
56·1	56·2	56·0	55·3	54·8	54·8	54·3	54·3	55·0	55·6	56·1	57·0	57·9	57·4	57·2	56·2	57·0	56·4	55·8	55·5	55·7	55·9	55·1	55·1	7
55·0	54·5	54·3	53·7	53·9	53·9	52·4	52·5	53·1	52·9	53·0	51·6	52·8	52·7	53·1	52·5	52·9	52·5	52·0	51·0	49·8	48·7	48·5	46·7	8
48·0	49·2	49·5	49·1	48·9	48·7	50·0	49·9	51·5	52·6	54·5	54·8	56·0	55·9	56·3	55·5	54·5	54·1	51·2	49·9	50·5	50·1	50·1	50·2	9
50·5	50·0	50·9	50·9	50·9	51·4	52·5	54·4	55·8	57·9	58·9	59·8	58·8	58·8	59·0	59·5	57·8	56·2	55·0	54·0	53·6	53·5	54·0	54·5	10
54·5	54·0	54·0	53·9	54·0	54·5	55·0	55·7	57·0	58·8	57·4	57·2	57·6	57·9	57·8	57·7	57·0	56·7	56·0	54·0	53·2	52·5	50·2	50·5	11
50·5	50·2	51·7	50·5	50·7	52·2	54·7	56·3	57·0	57·9	58·5	59·9	60·0	58·3	59·1	59·5	57·6	58·8	56·6	53·2	54·0	54·9	54·1	54·0	12
54·6	54·0	54·0	53·4	53·0	53·1	54·0	54·1	53·9	52·7	53·1	54·0	53·9	54·2	55·0	54·0	55·1	54·3	53·7	52·4	51·2	50·5	50·9	51·2	13
52·2	51·2	51·5	51·3	50·0	50·9	51·9	52·4	53·0	52·7	54·2	54·1	55·0	54·5	54·5	54·7	53·9	54·0	52·6	51·9	51·1	51·0	51·0	50·8	14
51·4	51·5	51·9	51·7	51·6	51·7	51·9	52·1	52·9	54·2	55·0	55·0	54·0	53·4	54·1	53·6	54·0	52·9	52·5	51·9	51·5	51·9	52·1	52·1	15
51·0	50·7	50·0	49·0	50·0	51·3	53·0	55·3	54·0	53·8	55·0	54·3	54·8	54·5	54·7	55·1	54·6	55·0	55·8	55·7	56·0	56·5	56·6	56·4	16
56·5	56·4	56·5	56·9	57·0	57·1	57·6	58·0	58·1	58·4	58·0	59·0	60·0	58·4	59·2	59·0	59·8	58·7	58·0	57·7	57·7	57·4	57·2	56·2	17
57·2	57·1	56·8	57·0	57·1	58·1	58·8	59·0	59·0	60·5	61·5	62·8	62·0	58·5	58·3	59·0	56·0	54·0	53·5	52·0	51·2	50·9	50·8	50·2	18
50·9	50·1	50·6	51·1	51·3	50·1	51·1	51·0	51·3	51·6	53·3	53·1	53·0	53·7	54·0	53·0	52·8	52·0	51·5	50·9	50·4	49·9	49·9	49·2	19
49·3	49·4	49·0	49·0	49·0	49·5	49·6	50·0	50·3	49·9	49·8	50·8	49·9	50·6	51·3	49·0	49·7	49·0	48·1	46·0	46·6	45·8	44·7	42·6	20
42·7	39·9	38·5	38·0	39·0	40·0	41·7	42·9	43·8	43·8	44·5	45·2	46·1	46·5	43·0	46·2	47·0	47·4	48·3	46·9	45·6	44·6	44·0	43·0	21
42·1	42·0	42·0	41·7	43·0	45·0	46·0	46·0	46·3	46·8	47·4	48·8	49·9	48·9	49·2	49·0	50·1	49·8	49·9	49·7	49·0	48·1	47·7	47·9	22
47·6	47·2	47·0	47·1	47·4	48·6	49·0	49·5	51·1	52·5	54·0	56·1	55·0	55·2	55·0	55·1	55·0	55·1	53·5	52·2	51·6	49·8	50·0	50·0	23
49·8	49·5	49·2	49·1	49·1	49·3	50·2	50·6	51·8	51·5	52·1	52·8	53·6	53·8	50·5	52·0	51·0	51·5	51·1	51·1	50·0	48·8	48·0	47·7	24
47·0	46·0	44·2	44·1	44·2	44·7	45·0	46·0	47·6	47·5	50·1	49·2	50·0	50·3	50·0	50·5	51·3	49·3	49·0	48·3	48·0	46·3	45·0	44·0	25
45·5	46·1	47·3	48·0	48·5	49·3	50·5	51·7	51·1	52·6	52·2	52·0	54·0	54·7	53·1	54·0	53·2	53·0	50·9	50·0	49·0	49·1	48·0	47·6	26
47·5	48·0	48·0	47·3	48·0	48·9	50·2	51·0	52·2	51·9	52·5	53·6	55·2	53·6	52·3	52·9	53·0	53·0	51·8	50·0	49·4	47·9	48·8	47·5	27
46·5	45·5	47·0	46·6	47·6	49·0	50·8	52·3	53·1	54·4	53·2	54·0	54·0	53·3	55·1	55·0	52·5	51·0	51·0	51·1	51·6	51·6	50·3	49·6	28
49·1	48·2	48·5	49·0	49·2	49·2	49·9	50·0	50·0	49·9	49·8	50·0	51·7	52·3	52·6	52·1	51·2	50·3	49·8	48·0	48·0	47·6	47·0	46·8	29
46·8	46·7	45·8	45·6	45·4	45·2	45·4	45·6	46·7	47·0	48·0	48·0	48·7	49·0	49·0	49·5	49·1	49·0	49·0	48·0	47·2	45·9	44·8	42·0	30
42·2	42·0	41·0	40·1	40·1	42·6	47·5	48·6	48·9	52·2	51·8	52·1	53·9	54·5	55·0	54·0	54·0	54·0	53·1	50·9	49·6	48·7	49·6	50·2	31

Meteorological Office,
116. Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51°28'N. LONG: 0°19' W.

WIND — DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	18	5·5	18	4·5	18	4·5	18	4	18	3	18	4	18	5·5	16	7·5	16	4·5	15	5·5	16	5·5	14	4	14	7·5
2	21	4·5	21	3	21	2	21	2	21	4	21	5·5	21	4	21	4·5	21	4·5	21	4	21	6·5	22	9·5	21	10·5
3	25	3	25	4	25	3	25	3	25	3	20	7·5	20	7·5	20	11	19	9·5	21	11	*	12	*	12	21	14
4	21	4	21	2	21	4	21	4·5	21	4·5	21	5·5	21	6·5	25	9·5	25	9·5	25	8·5	23	11	24	10·5	29	10·5
5	25	3	25	2	25	1·5	25	1·5	25	1·5	25	2	25	2	25	4	8	10·5	9	10·5	10	10·5	10	11	9	11
6	7	14	7	12	7	15	6	15	6	19	6	23	6	20	7	19	8	15	9	10·5	9	11	11	14	10	14
7	14	4	14	4	18	4·5	20	4	20	6·5	21	5·5	22	7·5	23	8·5	24	9·5	26	5·5	28	5·5	25	7·5	28	7·5
8	25	2	25	4	25	4	25	5·5	25	5·5	25	4·5	25	6·5	24	7·5	23	11	24	11	25	11	25	10·5	24	8·5
9	24	2	24	4	24	4	24	4·5	4	7·5	4	6·5	7	4·5	7	7·5	7	8·5	7	8·5	8	10·5	8	9·5	9	10·5
10	8	10·5	8	6·5	8	13	8	14	8	15	8	12	8	11	8	12	8	15	9	16	8	10·5	8	17	10	20
11	8	19	8	19	8	18	8	13	8	16	8	18	17	7·5	8	5·5	8	11	13	8·5	17	17	20	16	20	17
12	18	4	18	4	18	5·5	10	4·5	10	3	10	4	15	7·5	17	12	16	13	16	15	16	16	16	13	19	12
13	13	8·5	13	7·5	14	9·5	20	13	19	3	13	6·5	15	9·5	17	12	20	17	21	15	20	17	18	20	18	20
14	17	8·5	17	7·5	17	8·5	17	10·5	18	12	18	5·5	18	5·5	17	10·5	18	9·5	19	12	20	16	20	20	19	21
15	18	15	16	13	16	15	17	16	16	20	16	18	16	27	16	25	17	26	16	20	18	33	18	31	19	30
16	19	10·5	20	14	19	11	19	10·5	19	12	19	14	19	17	19	19	19	22	19	22	18	26	19	22	19	25
17	18	22	18	24	18	22	18	28	18	24	18	25	18	27	19	32	20	30	19	25	20	24	20	27	20	26
18	22	7·5	9	11	6	14	32	14	4	10·5	17	10·5	14	11	15	13	24	13	19	13	17	24	19	23	18	25
19	19	13	19	14	18	16	19	17	20	18	20	20	21	18	22	21	21	22	22	23	20	25	20	30	20	30
20	21	18	21	16	21	15	20	16	20	13	20	13	20	16	20	12	21	15	21	16	22	20	21	15	24	13
21	27	6·5	25	7·5	25	7·5	25	5·5	25	8·5	23	9·5	24	11	23	13	23	14	22	17	25	16	23	20	23	20
22	22	7·5	21	6·5	21	7·5	21	5·5	21	4·5	21	7·5	24	10·5	22	11	24	13	22	11	25	8·5	26	6·5	24	10·5
23	18	5·5	16	5·5	10	7·5	9	12	11	8·5	14	10·5	15	16	15	18	15	17	16	19	17	15	18	18	19	20
24	19	15	20	13	18	12	19	15	19	12	19	13	19	13	19	13	20	13	20	11	20	14	19	15	20	20
25	30	7·5	30	6·5	29	7·5	31	5·5	29	4	29	5·5	29	6·5	27	6·5	28	8·5	24	6·5	22	6·5	22	12	24	14
26	21	7·5	20	6·5	20	8·5	20	7·5	19	8·5	19	8·5	21	9·5	21	10·5	22	10·5	20	13	21	13	19	12	19	16
27	19	9·5	19	11	18	9·5	17	8·5	17	10·5	17	12	18	16	17	14	19	12	22	8·5	18	14	17	20	18	21
28	17	4	17	3	17	2	17	2	17	2	17	4·5	8	4·5	8	7·5	9	6·5	8	11	9	11	4	9·5	2	10·5
29	32	13	31	17	31	18	31	20	31	22	32	20	32	23	1	18	1	21	1	17	1	18	1	16	2	15
30	2	9·5	3	10·5	3	13	3	10·5	2	10·5	2	10·5	4	7·5	2	11	2	8·5	4	10·5	5	8·5	4	7·5	7	7·5
31	2	3	2	2	2	2	2	2	2	1·5	2	1·5	2	3	2	4·5	2	9·5	10	7·5	8	5·5	7	6·5	8	7·5

HOURLY VALUES May 1878.

AND VELOCITY IN MILES PER HOUR.

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MDT. D	MDT. V
1	15	9·5	16	7·5	15	8·5	16	6·5	21	5·5	21	3	21	4	21	4	21	4·5	21	4·5	21	3
2	20	11	20	10·5	22	7·5	24	11	25	11	25	8·5	25	4·5	25	4·5	25	4	25	4	25	5·5
3	21	14	20	15	20	15	19	15	19	12	19	12	19	10·5	20	8·5	20	6·5	20	5·5	21	4
4	26	10·5	25	9·5	26	10·5	25	5·5	25	4·5	25	3	25	2	25	2	25	3	25	3	25	3
5	8	13	9	20	7	22	7	24	8	25	8	18	8	15	8	12	8	15	7	15	7	14
6	12	12	14	14	12	12	12	11	12	7·5	13	7·5	14	4·5	14	2	14	3	14	3	14	3
7	26	5·5	28	5·5	25	4·5	25	4	25	6·5	2	9·5	2	4·5	2	3	2	5·5	31	5·5	25	3
8	23	9·5	23	9·5	22	8·5	21	7·5	23	6·5	24	4	24	3	24	3	24	2	24	2	24	2
9	8	15	8	17	9	15	8	20	9	15	8	18	8	12	8	11	8	14	8	13	8	11
10	9	20	11	18	7	20	7	20	8	22	7	21	7	17	7	19	7	16	7	18	7	20
11	19	20	20	16	19	13	18	11	19	7·5	19	6·5	18	5·5	18	3	18	4	18	4·5	18	3
12	17	14	19	12	18	10·5	20	9·5	17	9·5	17	4·5	17	4	13	7·5	13	7·5	11	10·5	11	8·5
13	18	23	19	22	20	17	18	16	19	17	19	12	17	10·5	17	12	17	11	17	10·5	17	8·5
14	20	28	19	28	19	28	19	25	19	25	19	20	19	16	18	14	18	15	18	14	18	13
15	19	36	19	30	19	28	19	28	19	22	19	17	19	8·5	18	9·5	17	12	18	9·5	19	10·5
16	18	26	17	23	16	23	16	24	16	23	17	27	18	22	17	22	18	25	18	23	18	23
17	19	30	19	26	19	27	19	20	19	16	18	11	18	9·5	18	8·5	18	4	18	3	11	4
18	20	27	19	28	19	25	20	26	20	27	19	22	19	17	20	12	19	10·5	20	11	20	10·5
19	20	37	20	31	20	30	21	30	21	25	20	22	22	21	21	21	21	21	21	21	21	18
20	22	12	23	14	22	16	21	13	20	13	23	10·5	29	10·5	30	4·5	26	7·5	26	7·5	27	7·5
21	22	25	26	19	25	13	25	15	25	13	21	10·5	22	8·5	22	6·5	22	6·5	22	6·5	22	6·5
22	23	12	22	10·5	23	11	19	12	18	14	19	11	19	8·5	18	7·5	18	6·5	17	9·5	17	10·5
23	19	21	19	18	19	18	19	19	19	20	19	18	19	15	19	16	20	13	19	4	19	15
24	20	20	19	16	18	11	21	16·5	19	10·5	19	5·5	28	3	29	7·5	32	11	31	11	30	10·5
25	21	10·5	26	10·5	23	9·5	27	5·5	21	6·5	19	9·5	20	5·5	20	7·5	21	6·5	21	5·5	21	4·5
26	20	17	20	17	19	13	19	15	19	16	19	10·5	19	8·5	19	8·5	19	11	19	8·5	19	9·5
27	18	21	18	17	18	17	18	16	16	11	17	8·5	17	5·5	17	4·5	17	4·5	17	2	17	2
28	2	0·5	4	6·5	32	12	30	10·5	31	9·5	32	5·5	32	5·5	32	4	32	7·5	32	8·5	31	9·5
29	32	18	1	17	3	16	1	20	1	15	2	13	32	9·5	3	10·5	32	11	2	17	1	11
30	7	8·5	5	5·5	1	6·5	2	6·5	2	4	2	4·5	2	1·5	2	1·5	2	3	2	3		
31	9	10·5	8	10·5	9	10·5	8	10·5	8	8·5	12	9·5	12	4·5	12	5·5	12	5·5	12	4	12	4

RAINFALL.

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1										005	085													
2										010														
3																								
4																								
5																								
6																							070	010
7	020																					020	060	045
8	030	010	030	025	025	055	050	030	020															
9										010														025
10																							130	020
11							040	160																
12																								
13				050	115	035	010	010									035							
14	Total for 17 hours ending 10 a.m. = 085																							
15						005	040	005					025										015	025
16																		010	005		030	005	005	
17		005	005	005		010																		
18	025	145	005			105	010	005	005															
19										005	015								005	005				
20													025	065	010					040	040			
21														030	050	060								
22																								
23	115	055	065	020	005	005																		
24													040		055	045	030	015		065	010			
25																		010						
26			005	005							085			015	085	015	010							
27		005	025							030	015													
28																	550	240	135	030			010	015
29	050	020		020	005	005	010		010															
30																								
31																								
	140	240	240	135	120	150	220	160	210	030	085	045	100	090	110	220	120	590	275	145	140	080	025	290	140
	6	5	6																					

* Record destroyed by instrument out of action. Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	403	391	391	390	377	380	389	394	408	444	439	411	468	453	419	433	423	409	407	411	406	399	393	386
2	377	373	358	348	348	348	356	371	393	408	430	426	436	430	425	434	426	397	386	385	397	391	394	383
3	387	380	380	382	384	388	396	396	399	393	383	363	381	362	363	350	347	342	357	361	396	402	390	350
4	349	336	328	318	299	291	303	304	299	312	294	275	306	277	287	296	299	328	328	342	337	348	338	327
5	331	330	301	275	266	284	316	354	319	329	346	325	349	335	356	316	290	267	267	265	289	295	301	298
6	314	316	328	328	332	339	344	350	374	378	410	428	432	428	404	399	419	418	418	420	428	428	435	440
7	443	441	444	428	423	417	399	385	389	381	373	386	390	368	362	345	369	370	420	416	424	431	422	423
8	434	416	422	405	412	415	379	384	388	373	367	330	360	342	348	332	341	330	345	347	343	330	335	316
9	353	349	348	344	345	343	356	346	337	341	367	354	361	370	367	370	354	364	328	323	335	338	346	353
10	358	358	367	367	368	371	375	395	395	416	430	448	397	396	396	433	420	393	393	377	377	377	408	409
11	410	399	403	401	403	406	419	440	450	465	443	397	401	390	378	380	359	362	373	373	371	379	353	360
12	357	341	362	351	356	361	377	391	387	391	399	419	412	363	371	376	344	372	356	322	362	395	383	378
13	393	384	383	386	393	399	411	465	360	345	341	354	348	349	357	344	395	369	369	363	346	349	358	360
14	378	362	372	369	348	363	375	359	374	362	360	351	356	346	348	346	342	344	344	347	337	344	348	348
15	350	361	367	363	355	365	371	373	367	378	378	365	366	338	352	354	344	340	340	349	347	358	374	377
16	362	361	351	334	347	355	374	369	363	350	369	353	363	346	366	397	408	419	427	419	439	447	446	443
17	440	438	447	452	452	454	450	460	442	439	427	437	446	398	412	407	440	435	440	444	454	449	450	439
18	457	455	458	454	454	445	468	473	456	478	484	488	460	383	382	399	345	318	329	332	335	344	346	340
19	344	328	337	350	350	326	329	317	306	302	337	330	321	330	346	355	338	342	338	334	328	320	319	314
20	312	327	323	323	317	338	325	329	317	306	301	313	327	333	331	286	311	310	301	298	313	302	284	259
21	266	226	216	217	219	224	230	231	230	222	221	220	225	239	265	281	266	255	284	204	286	280	275	266
22	250	267	265	261	265	281	276	263	250	257	260	284	281	254	266	263	306	308	324	327	320	312	305	312
23	324	327	322	319	318	332	327	338	360	374	403	414	380	370	380	376	370	376	371	359	354	314	323	331
24	330	328	327	326	326	327	327	329	336	317	318	336	356	359	352	367	357	368	363	369	348	329	318	315
25	306	286	269	266	269	266	256	267	274	260	297	279	283	307	299	296	332	307	309	308	301	288	286	275
26	287	300	316	326	330	335	348	344	313	341	319	366	375	372	332	384	355	351	339	338	333	333	321	319
27	328	325	325	324	326	332	340	333	350	346	342	371	365	336	365	319	321	328	327	316	325	319	336	327
28	319	305	323	317	326	345	356	367	353	362	326	325	350	338	368	376	377	361	361	364	377	367	344	338
29	334	315	326	335	339	339	346	344	342	343	335	336	350	362	354	344	330	317	320	300	309	300	288	292
30	294	293	278	279	274	274	273	272	271	276	286	284	296	292	287	297	290	291	299	281	291	301	295	267
31	269	267	257	248	248	273	311	311	303	342	322	311	332	336	339	324	337	349	349	342	324	322	338	349

Meteorological Office
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55' N LONG. 10°18' W

HOURLY VALUES June 1878.

BAROMETER. CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·994	29·983	29·971	29·967	29·968	29·968	29·960	29·949	29·957	29·964	29·964	29·961	29·935	29·915	29·910	29·909	29·907	29·909	29·908	29·903	29·901	29·900	29·895	29·893	1
2	·893	·887	·873	·864	·861	·870	·862	·864	·866	·859	·864	·863	·858	·856	·855	·853	·848	·849	·847	·847	·849	·861	·861	·858	2
3	·855	·849	·837	·835	·836	·837	·839	·846	·843	·839	·848	·844	·842	·831	·816	·800	·785	·764	·751	·733	·712	·701	·690	·670	3
4	·658	·652	·650	·655	·657	·666	29·681	29·702	29·718	29·738	29·753	29·770	29·781	29·798	29·809	29·823	29·828	29·846	29·858	29·878	29·894	29·914	29·927	29·938	4
5	29·947	29·953	29·959	29·967	29·983	29·997	30·010	30·027	30·040	30·052	30·059	30·074	30·079	30·087	30·099	30·102	30·105	30·115	30·121	30·127	30·139	30·146	30·145	30·149	5
6	30·151	30·146	30·144	30·139	30·136	30·135	30·139	30·139	30·129	30·123	30·118	30·111	30·094	30·085	30·074	30·057	30·044	30·023	29·986	29·975	29·972	29·965	29·958	29·960	6
7	29·934	29·934	29·906	29·881	29·877	29·882	29·880	29·872	29·860	29·853	29·844	29·822	29·797	29·767	29·745	29·723	29·703	29·704	·699	·701	·708	·707	·700	·691	7
8	·671	·659	·642	·625	·610	·603	·592	·575	·558	·541	·530	·520	·513	·500	·489	·484	·477	·475	·476	·479	·485	·493	·482	·475	8
9	·483	·454	·436	·430	·422	·425	·419	·429	·435	·448	·455	·458	·458	·474	·480	·493	·502	·507	·517	·525	·529	·536	·532	·536	9
10	·536	·549	·554	·561	·574	·587	·595	·603	·614	·624	·629	·636	·636	·645	·637	·622	·607	·589	·577	·547	·513	·492	·453	·414	10
11	·366	·322	·300	·288	·283	·277	·274	·288	·296	·319	·337	·345	·348	·366	·374	·379	·375	·384	·394	·411	·427	·451	·460	·479	11
12	·498	·510	·526	·548	·563	·592	·612	·636	·655	·672	·683	·693	·701	·710	·720	·737	·746	·765	·764	·766	·770	·778	·779	·777	12
13	·766	·761	·752	·747	·740	·740	·740	·750	·754	·760	·761	·762	·767	·776	·775	·784	·787	·796	·811	·826	·837	·850	·854	·853	13
14	·857	·861	·859	·858	·872	·885	·891	·897	·899	·907	·895	·894	·894	·887	·875	·874	·864	·878	·866	·861	·854	·849	·846	·837	14
15	·822	·803	·787	·774	·763	·753	·746	·746	·743	·740	·745	·744	·745	·753	·766	·776	·788	·812	·825	·844	·862	·891	·904	·912	15
16	·912	·910	·915	·922	·931	·937	·944	·949	·952	·961	·967	·965	·962	·957	·956	·952	·952	·952	·946	·948	·955	·962	·960	·955	16
17	·945	·937	·930	·931	·933	·938	·944	·954	·958	·965	·966	·967	·964	·963	·962	·954	·946	·950	·944	·946	·942	·946	·937	·923	17
18	·914	·900	·888	·884	·877	·878	29·876	29·879	29·883	29·892	·894	·899	·907	·910	·911	·921	·928	·942	·949	·958	·963	·976	·980	·990	18
19	·992	·990	·989	·987	·988	·998	30·002	30·002	30·001	30·002	·998	·994	·990	·987	·984	·979	·965	·961	·952	·941	·932	·925	·909	·889	19
20	·855	·835	·805	·780	·749	·740	29·735	29·723	29·715	29·711	29·714	29·741	29·757	29·782	29·792	29·802	29·816	29·835	29·849	29·869	29·889	29·911	29·916	29·934	20
21	29·935	29·950	29·951	29·959	29·960	29·979	29·989	30·005	30·012	30·033	30·047	30·055	30·060	30·067	30·072	30·081	30·086	30·096	30·101	30·112	30·120	30·130	30·130	30·138	21
22	30·127	30·122	30·116	30·107	30·105	30·110	30·114	30·114	30·108	30·106	30·105	30·110	30·099	30·095	30·086	30·077	30·070	30·068	30·061	30·055	30·057	30·060	30·054	30·053	22
23	30·040	30·025	30·014	30·002	29·997	29·997	29·992	29·999	29·998	29·997	29·997	29·992	29·983	29·980	29·965	29·964	29·952	29·943	29·936	29·925	29·916	29·912	29·904	29·901	23
24	29·888	29·892	29·892	29·892	·901	·915	·924	·933	·949	·953	·951	·960	·952	·953	·948	·944	·941	·939	·937	·944	·948	·954	·960	·969	24
25	·969	·972	·967	·965	·970	·974	·979	·993	29·981	29·984	29·996	29·999	29·987	29·983	29·986	29·980	29·971	29·976	29·976	29·972	29·976	29·978	29·976	29·972	25
26	29·967	29·961	29·952	29·961	29·961	·971	·983	·995	30·007	30·017	30·030	30·037	30·039	30·044	30·041	30·038	30·036	30·035	30·035	30·038	30·052	30·047	30·045	30·046	26
27	30·034	30·012	30·009	30·013	30·000	·998	·971	·984	29·988	29·998	29·990	29·981	29·977	29·964	29·953	29·956	29·948	29·927	29·915	29·902	29·895	29·888	29·862	29·843	27
28	29·822	29·808	29·792	29·777	29·753	·758	·752	·760	·762	·784	·796	·819	·832	·844	·847	·851	·852	·860	·868	·876	·887	·895	·903	·904	28
29	·904	·892	·880	·885	·888	·880	·888	·886	·883	·902	·885	·878	·867	·865	·853	·850	·838	·839	·839	·837	·829	·822	·824	·813	29
30	29·797	29·779	29·771	29·765	29·771	29·777	29·778	29·797	29·799	29·812	29·818	29·829	29·838	29·846	29·851	29·862	29·865	29·869	29·884	29·896	29·898	29·896	29·897	29·898	30
31																									31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	494	490	475	462	462	476	501	533	576	601	616	605	630	641	621	603	616	599	598	578	554	528	518	500
2	520	523	526	528	531	533	550	562	563	580	599	599	614	620	603	594	584	588	579	573	564	561	558	556
3	557	559	554	557	555	557	548	557	569	587	589	593	600	609	609	583	571	563	555	546	547	549	543	537
4	536	536	534	531	528	524	549	558	558	568	582	596	594	611	600	600	607	603	590	583	559	554	556	561
5	561	557	550	549	547	554	566	578	579	586	609	609	630	638	629	623	620	623	617	622	593	577	566	564
6	566	573	572	574	575	575	585	591	605	609	603	608	620	598	592	582	581	580	579	579	573	578	579	580
7	576	575	574	576	576	576	573	573	576	580	576	574	576	571	567	564	558	563	577	562	553	551	549	549
8	546	540	523	536	514	520	537	549	561	572	587	589	592	594	600	594	590	592	599	575	535	524	521	514
9	504	503	508	511	516	518	536	553	571	553	567	571	582	544	573	568	565	563	550	543	539	530	518	524
10	525	515	518	523	520	524	536	546	557	561	570	577	581	586	594	595	603	605	*	*	553	552	531	519
11	519	512	507	503	503	508	509	517	516	521	528	535	561	570	569	568	567	573	562	541	531	533	523	526
12	524	527	534	539	538	542	545	553	561	571	577	580	564	590	579	574	573	561	562	552	534	523	522	513
13	504	503	514	509	516	527	546	561	580	588	611	613	568	575	588	584	581	572	560	556	550	544	546	543
14	530	537	540	522	513	525	547	561	589	590	599	600	617	614	623	606	596	582	576	559	562	558	553	549
15	534	539	554	551	553	559	561	560	562	577	578	594	579	580	564	560	578	560	546	544	548	530	539	543
16	539	538	531	532	531	525	545	551	557	570	567	568	577	577	577	579	581	576	570	551	531	521	516	515
17	514	509	499	500	509	529	542	555	550	557	576	573	593	587	579	587	574	576	586	575	530	512	501	511
18	517	528	531	530	529	534	554	555	541	566	567	578	569	564	581	579	587	571	571	556	536	524	516	513
19	492	488	478	474	467	504	527	553	567	582	588	615	612	602	637	617	609	593	584	579	574	573	573	571
20	567	553	547	537	540	544	550	563	570	578	595	587	590	593	596	600	592	595	575	561	545	522	509	494
21	495	493	492	500	487	500	545	555	571	571	582	598	600	600	614	620	612	605	600	574	564	557	563	551
22	544	538	539	537	548	557	566	575	579	592	591	595	606	593	625	619	606	591	586	578	576	574	567	565
23	559	556	551	553	558	560	562	566	568	569	579	586	587	587	592	590	600	603	596	594	585	579	580	583
24	584	581	578	579	578	577	579	583	590	612	624	625	624	612	602	599	593	590	588	586	589	589	590	590
25	589	586	586	584	581	586	589	600	623	623	624	634	640	650	619	619	612	618	611	604	603	603	603	598
26	597	594	593	592	592	593	594	595	600	596	596	596	596	596	597	603	590	584	583	577	570	568	568	567
27	568	564	569	566	559	553	562	567	587	578	583	583	610	615	610	614	605	587	574	567	564	568	567	567
28	570	559	560	554	549	564	569	576	595	606	611	623	621	638	666	660	679	669	648	612	577	567	546	534
29	530	545	542	537	541	543	542	558	582	604	617	613	620	610	621	609	600	593	589	587	579	576	579	576
30	575	567	554	553	548	568	588	602	633	649	657	661	671	644	644	682	627	616	601	593	584	566	566	557
31																								

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
474	471	457	447	449	463	482	499	527	547	560	560	577	580	568	559	565	557	555	545	532	509	494	481	1
491	504	501	507	513	516	523	530	533	544	558	560	564	572	566	566	563	563	560	557	551	553	550	549	2
548	548	547	549	546	549	542	551	560	571	570	573	574	580	576	557	549	547	542	538	536	534	533	527	3
526	528	526	523	521	517	540	541	544	549	553	562	557	573	562	552	559	560	556	558	546	541	548	550	4
552	549	540	539	537	545	554	559	560	566	577	576	589	588	584	574	573	581	579	582	568	560	557	553	5
557	559	561	562	563	562	562	570	567	569	573	576	588	580	576	573	571	571	570	567	563	565	567	569	6
568	568	566	563	563	566	564	564	563	565	562	557	564	560	557	550	549	551	558	540	540	538	536	537	7
534	529	514	526	507	512	526	531	536	541	545	547	559	558	560	547	551	558	555	542	520	509	511	505	8
499	498	503	504	509	512	526	539	543	525	537	534	538	529	535	524	519	521	513	498	496	496	500	503	9
502	502	503	490	487	484	495	502	510	506	520	531	533	534	541	538	*	540	*	*	526	513	511	505	10
507	500	495	485	488	487	481	497	496	489	503	506	520	517	519	530	528	529	513	503	490	498	500	502	11
507	510	516	521	517	514	514	517	522	530	537	543	541	549	537	539	546	536	534	524	512	502	500	498	12
493	491	500	497	503	510	522	522	536	534	563	560	545	547	549	550	545	541	537	539	538	530	535	527	13
518	524	527	508	504	516	533	542	561	548	570	570	583	580	582	564	550	549	538	531	540	532	533	528	14
520	532	537	538	540	548	553	550	550	557	*	561	558	555	541	544	546	528	516	509	513	509	505	498	15
500	492	480	474	471	472	490	497	*	513	509	508	511	512	507	509	515	511	507	496	489	479	480	479	16
478	474	472	474	479	490	498	505	497	503	527	517	519	513	522	509	503	519	517	518	490	479	484	494	17
496	500	509	514	521	523	540	534	522	535	531	539	537	531	542	535	527	516	528	520	500	494	490	486	18
476	472	467	464	456	499	511	529	528	537	547	566	559	555	581	570	570	560	560	557	552	553	556	556	19
553	530	533	532	530	535	546	558	564	571	586	575	575	570	569	563	557	552	536	527	502	492	480	466	20
468	468	470	474	470	483	509	513	525	527	531	542	540	541	547	554	547	542	541	526	533	529	534	528	21
520	514	516	514	522	528	536	532	534	540	536	541	551	549	559	564	560	549	553	553	549	549	550	549	22
547	546	540	543	548	552	553	555	560	558	568	577	577	579	581	575	582	580	577	575	575	574	574	578	23
579	578	578	578	577	575	577	582	582	595	601	600	600	594	594	592	586	584	581	580	583	583	583	580	24
580	579	579	577	570	573	577	583	600	597	596	604	608	615	602	603	600	599	596	592	590	590	590	589	25
590	589	589	588	589	589	591	592	596	587	589	586	586	579	578	580	566	567	575	572	566	563	562	559	26
559	556	560	559	554	545	555	557	576	559	562	565	583	584	579	583	582	566	559	554	553	554	556	557	27
560	551	554	548	540	554	550	547	559	567	563	577	570	578	594	588	598	597	578	555	536	530	520	516	28
512	522	518	511	521	523	521	531	540	559	557	544	561	559	576	567	557	551	567	564	563	559	566	567	29
567	559	549	549	543	557	576	587	609	616	607	611	629	607	611	623	590	583	571	568	560	553	556	548	30
																								31

* Record defective or Instrument out of action. † Reading of Standard. * Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY. LAT. 51°55' N. LONG. 10°18' W. HOURLY VALUES June 1878.

WIND DIRECTION IN NUMBERS (8-E, 16-S, 24-W, 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	10	2	10	1·5	7	2	7	1·5	7	2	7	1·5	7	3	7	1·5	14	5·5	17	9·5	14	12	16	16
2	18	2	18	2	13	5·5	11	5·5	11	4·5	11	4	10	7·5	10	10·5	11	8·5	11	14	14	15	14	10·5
3	8	7·5	14	11	11	8·5	14	11	14	11	14	12	13	9·5	15	14	14	20	14	21	14	25	14	23
4	3	4	3	4·5	1	4·5	31	8·5	26	11	24	10·5	26	7·5	27	7·5	25	9·5	26	10·5	27	8·5	24	10·5
5	24	6·5	24	6·5	24	5·5	24	4	24	3	24	3	23	10·5	23	6·5	24	7·5	22	9·5	22	15	21	16
6	15	8·5	13	6·5	13	12	13	9·5	14	13	14	7·5	14	16	14	19	14	20	14	17	13	26	14	27
7	15	36	17	34	15	36	15	40	15	41	16	34	15	35	16	32	16	25	14	28	13	36	14	34
8	18	9·5	18	7·5	18	4	18	3	12	2	12	3	12	3	4	4	2	6·5	2	4·5	1	10·5	1	10·5
9	29	1·5	29	1·5	29	2	29	3	29	1·5	29	2	29	2	26	4·5	25	12	25	16	25	20	25	22
10	22	33	23	30	23	27	22	29	23	22	23	26	22	22	22	26	22	24	22	24	22	30	21	25
11	2	20	2	25	1	19	1	16	1	14	32	13	30	23	30	20	29	18	28	16	28	16	27	15
12	27	19	27	18	27	22	27	18	27	15	28	15	28	16	27	18	26	19	25	14	...	...	*	*
13	24	1·5	24	4	24	4	24	2	24	2	24	4·5	24	4·5	24	6·5	13	7·5	10	4	16	4·5	18	3
14	2	1·5	2	3	2	1·5	2	1·5	2	1·5	2	2	2	2	2	2	2	2	23	10·5	22	14	21	15
15	16	6·5	15	7·5	15	11	14	11	15	11	15	14	14	11	18	11	24	14	24	11	25	17	25	14
16	30	18	30	18	30	16	29	17	30	15	30	13	30	13	30	14	30	15	30	13	30	17	29	17
17	1	7·5	1	4·5	1	3	1	4·5	1	6·5	1	4·5	1	5·5	29	5·5	29	7·5	26	6·5	27	10·5	27	10·5
18	16	5·5	15	9·5	15	4·5	15	8·5	14	9·5	14	7·5	12	5·5	22	10·5	24	11	24	11	24	11	25	11
19	28	1·5	28	1·5	28	1·5	28	1·5	28	2	28	4	28	8·5	16	9·5	17	14	17	15	16	17	15	21
20	13	36	15	37	14	42	14	40	13	44	13	44	14	40	15	40	15	43	15	38	16	34	20	29
21	25	3	25	4·5	25	3	25	4	25	1·5	25	3	20	12	20	15	20	16	20	14	21	18	21	19
22	18	11	18	13	18	13	18	13	17	14	16	16	16	20	18	24	17	24	18	21	18	23	17	27
23	17	21	16	21	17	18	16	18	17	14	16	17	15	22	15	23	14	23	16	22	15	24	16	23
24	17	34	18	30	18	26	18	25	18	21	19	20	19	22	18	18	18	24	15	23	15	27	16	30
25	16	27	16	25	15	25	15	24	15	23	14	26	13	27	14	27	14	33	13	32	15	38	14	33
26	14	34	13	33	14	31	14	32	14	28	15	30	15	26	15	17	17	11	27	6·5	29	4	29	6·5
27	31	9·5	31	10·5	31	6·5	27	10·5	32	11	1	9·5	1	4·5	23	4·5	21	6·5	29	11	32	12	30	12
28	31	1·5	31	2	31	4·5	31	1·5	31	3	14	11	17	20	17	15	14	20	14	20	16	23	14	22
29	9	3	9	3	9	2	9	4	9	4	5	4	4	4	4	5·5	4	4	7	3	1	8·5	31	10·5
30	28	2	28	1·5	28	1·5	28	3	28	2	28	2	28	1·5	28	1·5	28	2	3	4	9	13	13	14
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	14	16	14	18	15	24	14	22	14	22	14	14	13	13	13	7·5	13	4	13	2	13	1·5	13	2
2	14	15	14	16	14	20	15	13	15	13	15	12	16	11	14	8·5	14	6·5	14	5·5	14	2	11	5·5
3	14	25	14	25	14	23	13	18	13	18	11	12	11	14	10	12	10	6·5	6	5·5	6	3	6	3
4	25	11	23	14	24	14	25	14	26	10·5	26	10·5	25	5·5	24	6·5	24	4	24	2	24	1·5	24	2
5	21	15	21	16	21	15	21	11	23	9·5	23	8·5	24	7·5	20	5·5	20	4·5	20	4	16	4	15	6·5
6	13	29	14	30	14	30	13	30	14	34	14	32	13	34	14	39	15	36	15	39	16	40	17	34
7	13	37	13	39	14	37	14	36	16	37	17	26	20	18	21	15	22	11	20	12	20	8·5	18	8·5
8	30	11	30	15	29	14	28	14	29	14	28	11	29	9·5	29	6·5	29	4·5	29	3	29	2	29	1·5
9	24	28	26	24	25	25	24	27	24	26	24	28	23	29	22	27	22	30	22	26	22	30	23	31
10	21	26	21	24	21	20	21	19	18	15	18	11	15	9·5	14	7·5	12	5·5	7	8·5	5	9·5	5	12
11	27	21	25	24	25	23	24	17	27	16	27	16	27	13	27	12	27	16	28	17	27	14	28	19
12	...	...	26	*	27	15	25	18	25	17	25	16	25	14	25	14	24	6·5	24	6·5	24	4	24	1·5
13	19	7·5	22	8·5	24	8·5	30	7·5	31	10·5	32	10·5	5	9·5	4	5·5	4	4·5	2	3	2	1·5	2	2
14	22	14	21	17	21	17	21	16	21	17	22	11	23	9·5	23	4·5	19	5·5	18	5·5	18	7·5	18	6·5
15	25	15	25	17	27	21	27	23	28	21	28	24	28	25	28	22	28	21	29	19	29	15	29	18
16	30	15	30	15	29	16	29	15	29	14	29	11	30	12	31	10·5	32	8·5	1	8·5	1	7·5	1	7·5
17	29	6·5	27	9·5	25	12	26	13	25	12	25	8·5	25	7·5	25	5·5	25	4·5	25	1·5	25	1·5	25	3
18	25	13	27	13	28	12	28	16	28	13	28	14	28	10·5	28	9·5	28	7·5	28	7·5	28	6·5	28	6·5
19	15	26	17	26	15	26	16	27	15	24	16	23	14	22	16	20	14	21	14	23	14	28	14	29
20	21	16	22	15	21	13	25	13	24	11	23	12	23	13	24	6·5	25	7·5	25	4·5	25	5·5	25	2
21	22	21	21	18	21	17	21	17	22	19	22	13	21	11	22	10·5	20	6·5	18	9·5	18	12	18	11
22	17	26	16	24	18	26	17	24	17	25	17	21	17	21	16	19	16	16	17	21	16	19	16	19
23	16	25	16	22	15	22	15	25	15	25	15	26	15	27	15	27	14	32	14	27	15	33	16	30
24	16	30	16	32	16	31	15	32	16	31	15	33	15	34	15	33	16	30	17	34	17	31	16	32
25	14	37	14	35	16	33	16	36	16	35	15	34	14	33	14	37	14	32	14	34	13	34	14	33
26	30	6·5	29	7·5	29	8·5	30	9·5	29	11	30	9·5	30	8·5	30	7·5	28	10·5	31	6·5	31	7·5	31	8·5
27	30	11	31	11	31	14	31	13	32	15	32	12	31	13	30	12	30	11	31	10·5	31	8·5	31	3
28	13	22	13	26	14	21	14	22	14	21	13	23	13	20	11	15	7	8·5	7	8·5	9	6·5	9	4·5
29	30	10·5	30	12	29	9·5	29	13	29	13	29	10·5	28	7·5	28	6·5	24	7·5	27	4·5	28	4·5	28	2
30	14	18	14	16	14	20	14	20	18	10·5	18	3	19	2	21	3	26	4	26	3	27	2	28	2
31																								

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	·112	·041	.	.	.	·005	.	.	·010	.	.	.	.	.	·005	·020	·105	·065
4	·001	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	·033	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·030	·081	·050	·010	·047	·115	·085	·005	·003	·102
7	·090	.	.	.	.	.	.	·020	·015	.	·005	.	·042	·066	·052	·103	·138	·035	.	.	.	.	.	.
8	.	.	.	.	·002	·003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	·013	·008
10	·012	·030	·008	·003	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·035	·155
11	·083	·057	·033	·032	·020	·025	·025	·020	·023	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	·015	·008	·002	·023	·004	·002	·001	.	.	.	.	.	·008	.	.	.	·017	.	.	.	.	·001	·002	·002
13	·001	·001	·003	·001	·001	·003	.	.	.	.	.	.	.	.	.	.	.	.	.	·017	·043	·022	·001	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	·018	.	·005	·028	·052	·050	.	·030	.	·045	.	.	·035	.	.	.	.	.	.	.	.
16	·001	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	·003	·001	·001	·001	·003	·002	·002	·022	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	·018	·037	·085	·168	·056	·042	·332	·048	·045	·045	·006	·006	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	·003	·003	·002	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·003	·024
23	·058	·040	·035	·020	·012	·033	·025	·035	·047	·036	·005	·012	·010	·022	·013	·002	.	.	.	.	·018	·070	·075	·025
24	·032	·015	·018	·035	·012	·023	·012	.	.	.	.	.	.	·003	·082	·065	·030	·020	.	·020	·005	·047	·043	.
25	.	.	.	·002	·002	·002	·002	·002	.	.	.	.	.	.	.	.	·005	.	.	.	.	.	.	·005
26	·027	·128	·035	·150	·150	·035	·028	·036	·008	·021	.	.	.	.	.	.	·002	·002	·002	·002	·048	·002	·002	·002
27	.	.	·005	·033	·095	·078	·032	.	·003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	·025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31																								
388	341	319	227	491	363	256	626	247	234	114	048	023	105	096	187	286	242	067	049	154	204	161	282	388
8	10	8	9	12	11	12	11	9	9	4	4	3	4	4	5	4	5	3	1	3	6	[illegible]	8	8

*Record defective or Instrument out of action. †Obtained from reading of Standard. ♦ Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·303	·300	·285	·278	·283	·298	·313	·316	·339	·361	·376	·389	·406	·402	·393	·389	·390	·388	·384	·382	·377	·348	·323	·312
2	·313	·341	·330	·343	·354	·359	·357	·362	·369	·377	·391	·396	·390	·405	·408	·420	·424	·419	·422	·421	·417	·427	·422	·420
3	·417	·414	·419	·420	·415	·420	·412	·426	·436	·444	·438	·441	·435	·440	·428	·409	·401	·406	·403	·403	·396	·387	·393	·384
4	·383	·388	·385	·382	·380	·374	·405	·396	·405	·405	·398	·406	·394	·418	·401	·374	·384	·391	·396	·411	·409	·401	·419	·418
5	·424	·420	·403	·401	·399	·413	·423	·421	·422	·430	·431	·428	·440	·427	·427	·406	·407	·426	·428	·430	·426	·425	·431	·423
6	·431	·426	·434	·435	·437	·434	·420	·435	·409	·408	·428	·430	·450	·456	·452	·457	·453	·454	·452	·443	·439	·439	·443	·448
7	·451	·452	·447	·435	·435	·445	·442	·442	·434	·436	·432	·420	·438	·433	·430	·413	·419	·418	·420	·388	·399	·396	·393	·396
8	·392	·385	·368	·383	·361	·366	·381	·379	·380	·378	·371	·373	·402	·397	·395	·368	·383	·400	·383	·379	·367	·353	·363	·356
9	·353	·352	·359	·357	·363	·369	·383	·396	·384	·359	·373	·360	·359	·380	·361	·340	·332	·338	·332	·304	·302	·313	·338	·338
10	·359	·347	·346	·307	·302	·292	·304	·310	·319	†·307	†·327	·348	·349	·345	·353	·344	*	·339	*	*	·362	·330	·349	·349
11	·354	·345	·340	·319	·326	·320	·302	·332	·330	·307	·333	·329	·339	·320	·326	·354	·350	·346	·322	·316	·298	·314	·331	·332
12	·348	·351	·358	·364	·355	·342	·340	·339	·344	·350	·363	·375	·388	·375	·361	·370	·391	·380	·372	·357	·347	·336	·332	·332
13	·338	·334	·343	·345	·348	·351	·359	·344	·357	·342	·390	·380	·394	·391	·380	·388	·379	·378	·383	·393	·397	·383	·395	·376
14	·369	·376	·366	·353	·354	·370	·387	·396	·411	·375	·424	·423	·441	·434	·429	·399	·373	·387	·366	·369	·388	·372	·380	·371
15	·368	·395	·390	·396	·399	·414	·427	·419	·416	·417	*	†·405	·416	·407	·388	·402	·385	·360	·343	·328	·334	·345	·323	·304
16	·311	·294	·276	·263	·258	·266	·284	·294	*	†·311	·306	·303	·300	·303	·292	·295	·306	·301	·298	·292	·296	·284	·292	·291
17	·290	·286	·292	·295	·298	·300	·304	·310	·295	·304	·339	·317	·303	·302	·324	·288	·285	·320	·306	·318	·299	·295	·318	·332
18	·329	·325	·344	·358	·378	·377	·398	·381	·365	·370	·358	·367	·370	·362	·371	·356	·327	·317	·345	·344	·315	·315	·315	·309
19	·310	·305	·305	·303	·293	·353	·354	·369	·350	·357	·375	·394	·379	·380	·409	·402	·411	·403	·415	·414	·406	·410	·418	·421
20	·419	·372	·394	·399	·388	·397	·421	·438	·446	·457	·479	·464	·451	·432	·424	·417	·397	·380	·362	·357	·311	·313	·300	·285
21	·288	·290	·296	·295	·301	·317	·328	·328	·338	·343	·342	·351	·344	·347	·347	·357	·349	·344	·347	·337	·367	·366	·371	·369
22	·356	·347	·351	·348	·356	·363	·374	·352	·353	·351	·343	·352	·365	·374	·365	·384	·388	·376	·393	·404	·395	·397	·409	·409
23	·412	·413	·402	·408	·416	·424	·425	·428	·437	·429	·446	·464	·463	·469	·467	·452	·459	·449	·450	·446	·459	·464	·463	·471
24	·473	·475	·479	·477	·476	·471	·474	·486	·474	·484	·485	·481	·483	·480	·495	·493	·482	·480	·473	·473	·479	·479	·477	·467
25	·469	·470	·470	·467	·450	·451	·459	·463	·483	·474	·472	·481	·486	·494	·495	·499	·500	·487	·489	·486	·480	·480	·480	·485
26	·490	·491	·492	·490	·494	·492	·497	·500	·505	†·481	·488	·478	·478	·456	·451	·449	·424	·436	·462	·461	·453	·446	·443	·436
27	·434	·431	·435	·434	·432	·414	·431	·430	·460	·421	·424	·432	·448	·445	·436	·447	·452	·429	·426	·421	·424	·420	·427	·430
28	·434	·424	·431	·421	·405	·425	·406	·390	·398	·407	·390	·415	·399	·399	·412	·401	·409	·417	·388	·369	·360	·355	·353	·358
29	·352	·360	·353	·341	·362	·365	·361	·370	·364	·388	·368	·341	·368	·381	·415	·403	·387	·380	·429	·423	·431	·423	·440	·448
30	·448	·436	·424	·426	·415	·428	·458	·472	·499	·479	·459	·466	·511	·477	·489	·476	·447	·441	·425	·426	·420	·420	·428	·417
31																								

Meteorological Office.
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°.21′ N LONG 6°.39′ W

HOURLY VALUES June 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·833	29·827	29·819	29·816	29·824	29·828	29·829	29·825	29·824	29·822	29·819	29·812	29·809	29·797	29·793	29·783	29·772	29·763	29·770	29·771	29·778	29·783	29·783	29·781	1
2	·778	·765	·761	·753	·745	·746	·745	·744	·743	·733	·724	·717	·710	·699	·695	·687	·691	·684	·681	·689	·696	·700	·697	·691	2
3	·692	·681	·674	·670	·677	·683	·684	·691	·690	·695	·696	·696	·691	·685	·677	·658	·654	·645	·644	·638	·642	·636	·622	·607	3
4	·589	·581	·560	·545	·532	·529	·526	·524	·524	·536	·549	·563	·577	·590	·601	·613	·622	·640	·659	·676	·697	·724	·741	·753	4
5	·767	·782	·789	·800	·808	·816	·837	·846	·855	·867	·869	·873	·880	·875	·877	·870	·872	·876	·893	·910	·927	·937	·947	·951	5
6	·952	·953	·955	·955	·966	·977	·984	·980	·983	·980	·975	·965	·963	·950	·937	·926	·917	·909	·903	·898	·896	·887	·874	·859	6
7	·833	·825	·800	·776	·751	·745	·743	·733	·725	·723	·717	·720	·705	·688	·670	·646	·640	·615	·600	·587	·574	·563	·536	·502	7
8	·482	·472	·463	·459	·454	·453	·448	·432	·426	·407	·393	·366	·343	·327	·289	·262	·236	·217	·219	·225	·231	·243	·245	·247	8
9	·248	·237	·226	·227	·225	·228	·225	·226	·219	·214	·196	·181	·191	·180	·177	·178	·174	·163	·163	·165	·180	·185	·190	·188	9
10	·184	·177	·178	·180	·196	·221	·244	·265	·277	·283	·299	·320	·321	·332	29·367	29·347	29·353	29·371	29·374	·385	·387	·382	·376	·364	10
11	·345	·321	·295	·269	·240	·198	·167	·132	·096	·070	·064	·042	·026	·010	28·998	28·988	28·985	28·991	28·997	·009	·034	·046	·060	·075	11
12	·091	·106	·118	·139	·154	·173	·198	·223	·238	·262	·287	·311	·327	·349	29·372	29·391	29·413	29·430	29·452	·469	·493	·509	·518	·524	12
13	·527	·531	·536	·539	·545	·552	·567	·591	·614	·633	·646	·650	·650	·663	·668	·667	·671	·679	·692	·701	·720	·729	·734	·732	13
14	·739	·736	·738	·744	·748	·749	·757	·767	·765	·758	·752	·748	·734	·722	·716	·705	·702	·697	·696	·690	·688	·693	·681	·676	14
15	·655	·644	·636	·619	·617	·617	·619	·618	·607	·598	·581	·572	·564	·561	·554	·556	·554	·570	·582	·593	·594	·597	·608	·613	15
16	·616	·617	·619	·622	·632	·643	·647	·658	·659	·656	·647	·642	·648	·650	·658	·660	·653	·657	·662	·664	·679	·684	·690	·679	16
17	·678	·669	·662	·662	·667	·677	·678	·684	·686	·684	·687	·689	·691	·687	·684	·676	·679	·678	·687	·688	·696	·693	·695	·690	17
18	·685	·676	·675	·667	·663	·665	·663	·664	·667	·664	·667	·663	·650	·666	·659	·655	·667	·669	·674	·685	·694	·699	·703	·706	18
19	·716	·721	·722	·727	·740	·762	·761	·769	·774	·779	·779	·772	·776	·779	·779	·774	·769	·773	·781	·781	·791	·798	·788	·793	19
20	·783	·769	·748	·763	·741	·733	·724	·716	·709	·694	·687	·672	·663	·667	·644	·631	·628	·623	·630	·628	·632	·639	·662	·669	20
21	·684	·688	·704	·710	·728	·747	·768	·779	·783	·795	·809	·813	·812	·815	·828	·830	·841	·847	·858	·874	·903	·906	·918	·927	21
22	·926	·934	·929	·928	·937	·935	·940	·941	·942	·931	·929	·918	·905	·895	·886	·876	·870	·864	·863	·861	·864	·859	·854	·862	22
23	·862	·851	·843	·830	·830	·837	·842	·844	·843	·843	·840	·835	·826	·815	·803	·792	·786	·779	·767	·760	·755	·742	·741	·743	23
24	·738	·737	·737	·733	·732	·737	·742	·753	·764	·766	·767	·776	·786	·789	·785	·785	·792	·788	·794	·793	·805	·806	·814	·811	24
25	·812	·811	·814	·814	·820	·828	·846	·859	·858	·862	·859	·854	·860	·851	·837	·832	·839	·841	·845	·845	·863	·860	·866	·869	25
26	·867	·860	·865	·863	·868	·878	·880	·887	·886	·874	·883	·882	·890	·892	·890	·881	·878	·875	·877	·876	·873	·857	·878	·866	26
27	·873	·863	·851	·843	·839	·832	·838	·818	·819	·818	·812	·803	·789	·771	·771	·757	·754	·748	·739	·747	·736	·732	·726	·708	27
28	·695	·682	·661	·651	·649	·648	·669	·674	·682	·692	·699	·702	·708	·706	·700	·711	·726	·738	·740	·751	·747	·743	·755	·757	28
29	·761	·760	·748	·756	·765	·775	·773	·773	·765	·770	·765	·762	·747	·727	·716	·697	·690	·682	·684	·683	·689	·698	·704	·704	29
30	29·709	29·711	29·701	29·698	29·705	29·717	29·720	29·725	29·727	29·731	29·733	29·736	29·739	29·727	29·729	29·724	29·721	29·729	29·730	29·733	29·752	29·762	29·766	29·768	30
31																									31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	426	417	420	399	402	424	460	490	525	559	586	589	603	608	591	590	581	578	560	548	524	496	494	470	1
2	451	439	427	419	419	436	470	510	551	579	609	626	629	629	631	625	579	566	563	558	543	541	537	531	2
3	524	524	528	526	526	530	540	560	550	551	580	600	597	608	603	602	589	590	582	567	550	532	528	523	3
4	524	523	522	519	511	512	509	507	508	508	506	500	499	506	511	521	528	532	530	527	507	480	478	470	4
5	443	440	423	410	410	432	474	503	534	550	589	587	597	612	629	621	621	604	584	550	528	521	514	489	5
6	472	461	457	442	448	474	489	499	516	542	579	597	607	619	621	622	617	591	582	570	554	552	551	551	6
7	549	547	543	542	547	550	561	570	581	597	600	593	600	618	618	609	591	587	574	567	552	552	552	551	7
8	560	553	551	551	552	550	559	564	569	560	552	559	564	560	561	560	559	551	550	549	531	523	522	513	8
9	517	519	513	501	502	510	529	530	541	568	603	590	540	527	540	541	546	552	533	539	529	523	518	506	9
10	510	513	518	519	512	512	528	536	563	580	570	558	550	550	535	532	535	523	535	520	518	512	506	500	10
11	490	483	497	496	489	504	508	500	510	518	521	534	539	550	539	550	558	545	540	539	529	528	527	520	11
12	514	516	512	508	510	516	521	522	530	529	526	538	549	551	554	556	550	543	544	530	525	517	514	512	12
13	508	509	509	512	512	510	508	500	494	485	500	510	520	530	533	535	547	540	538	530	510	494	487	480	13
14	474	463	469	478	484	492	510	531	547	572	575	569	602	602	594	601	608	587	576	567	557	539	512	505	480	14
15	470	462	469	459	463	469	480	490	506	550	584	574	602	608	617	615	606	594	576	542	520	513	498	491	15
16	489	487	491	502	511	518	526	537	549	573	600	606	565	590	572	584	585	567	561	550	540	538	529	521	16
17	512	512	509	510	513	510	519	532	547	569	578	577	580	588	587	593	581	555	545	536	529	522	519	500	17
18	508	510	508	501	502	510	532	543	562	576	577	574	603	569	580	589	567	551	552	541	529	520	514	517	18
19	518	514	511	509	511	520	536	544	568	577	588	598	622	627	629	625	623	609	579	576	557	544	556	547	19
20	545	541	537	532	523	534	553	560	585	596	590	585	582	581	599	601	587	579	565	562	558	557	537	530	20
21	527	524	519	512	512	517	524	536	555	589	613	621	631	629	623	610	619	600	598	577	557	533	524	519	21
22	511	509	508	509	501	521	547	563	582	609	593	603	637	639	639	618	616	610	611	590	577	561	567	551	22
23	553	546	540	538	540	539	542	543	553	560	568	567	576	613	618	627	609	611	603	601	596	593	598	590	23
24	581	570	566	559	561	576	584	593	600	622	625	634	633	641	644	650	641	640	640	629	621	611	601	591	24
25	589	582	587	587	589	590	600	609	633	649	671	689	690	701	706	700	684	671	659	642	627	609	597	583	25
26	579	576	579	580	586	593	618	630	651	677	679	669	657	656	659	661	640	640	640	639	619	601	597	596	26
27	589	575	579	569	572	590	609	604	598	601	610	618	621	629	644	650	651	646	628	609	603	602	598	592	27
28	590	584	585	583	596	617	637	658	679	690	700	722	735	745	761	761	720	683	659	635	627	634	634	635	28
29	620	608	587	572	569	572	586	610	639	640	670	678	690	702	704	704	696	684	663	663	642	620	607	592	29
30	574	551	547	546	550	559	580	610	637	658	660	673	680	689	691	690	690	659	655	646	617	598	599	592	30
31																									31

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21'N. LONG: 6°39'W.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} — HOURLY VALUES AND VELOCITY IN MILES PER HOUR — June 1878.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	2	2	2	3	2	2	2	4	2	3	2	2	2	3	4	4·5	9	6·5	13	6·5	12	6·5	10	5·5	11	6	12	8·5	11	6·5	9	7·5	9	7·5	9	7·5	10	6·5	10	7·5	12	4·5	12	3	11	3	11	3	1
2	11	2	9	4	9	2	9	2	9	2	9	2	9	2	9	4·5	7	5·5	6	5·5	11	7·5	15	6·5	15	6	16	7·5	15	12	14	12	17	13	16	8·5	16	5·5	14	4	14	3	14	4	14	3	14	4	2
3	14	3	14	3	14	3	14	3	14	3	14	4	14	4	6	4	6	4·5	6	6·5	7	7·5	9	6·5	7	7	12	8·5	11	9·5	11	9·5	12	11	13	9·5	12	7·5	9	6·5	8	7·5	8	9·5	9	8·5	9	8·5	3
4	9	11	8	11	8	7·5	6	7·5	5	8·5	6	10·5	5	11	5	11	5	12	5	13	4	13	4	11	5	10	4	9·5	4	9·5	4	6·5	4	4·5	6	5·5	6	4·5	6	6·5	6	3	6	2	6	2	6	3	4
5	6	2	6	2	6	3	6	3	6	2	6	2	6	2	6	3	6	3	6	3	6	2	20	4	23	4	21	4·5	21	4	20	5·5	19	7·5	17	9·5	16	5·5	3	6·5	3	4·5	3	4	3	4·5	3	4	5
6	3	2	3	3	3	3	3	2	3	2	3	2	3	4	3	4·5	4	4	4	3	9	4	18	5·5	18	6	16	5·5	17	4	13	4	12	8·5	15	9·5	14	13	13	11	15	8·5	16	6·5	16	8·5	16	8·5	6
7	15	8·5	15	8·5	15	11	15	14	16	14	15	15	16	15	17	16	17	19	17	17	17	14	16	14	17	16	16	17	16	16	16	16	16	14	14	15	14	12	15	14	13	14	13	12	14	13	14	14	7
8	15	13	16	15	16	13	16	12	17	7·5	19	5·5	19	7·5	19	5·5	19	3	19	2	19	4	19	2	16	4	12	8·5	12	5·5	13	6·5	13	4	13	2	13	2	16	4	26	4	24	4	23	4·5	23	3	8
9	23	4·5	21	5·5	20	4	20	3	20	1·5	20	4	20	4	20	4·5	20	4·5	20	4	17	6·5	19	5·5	16	9	17	8·5	17	6·5	18	5·5	18	6·5	18	7·5	18	6·5	18	5·5	19	9·5	20	7·5	19	10·5	19	10·5	9
10	18	10·5	18	9·5	18	12	19	14	20	13	20	11	20	10·5	20	9·5	20	12	20	12	19	15	19	5·5	22	5	18	11	23	10·5	18	7·5	18	9·5	16	4·5	16	4	18	4	18	4	18	4	18	5·5	17	5·5	10
11	17	4	17	3	12	5·5	9	8·5	5	5·5	5	10·5	5	12	5	15	5	16	6	14	6	15	5	10·5	4	7	3	4·5	5	4·5	10	4·5	11	4·5	5	3	5	2	5	3	5	4	5	4	5	4	3	3	11
12	3	4·5	2	4	32	4·5	32	4·5	31	4	31	4·5	29	4·5	27	5·5	27	5·5	28	5·5	28	3	28	4	29	4	29	4·5	29	3	29	3	29	3	29	2	29	2	29	3	29	4	29	3	29	2	29	3	12
13	29	2	29	1·5	29	3	29	2	29	2	30	4	9	9·5	9	11	7	9·5	7	7·5	4	6·5	5	9·5	6	9	6	8·5	6	8·5	5	9·5	6	8·5	6	8·5	5	7·5	7	5·5	7	5·5	7	4·5	7	4·5	7	4·5	13
14	7	4·5	7	5·5	7	4·5	7	4	7	5·5	8	6·5	7	7·5	9	8·5	10	5·5	12	5·5	12	8·5	13	7·5	14	6	13	10·5	13	8·5	14	8·5	12	10·5	12	9·5	12	7·5	13	6·5	14	4·5	14	4	14	2	14	4	14
15	14	3	14	3	13	3	13	4	13	3	13	3	13	1·5	13	2	13	3	13	4	10	5·5	12	4	12	5	11	10·5	11	8·5	12	9·5	12	10·5	12	10·5	13	8·5	18	4	18	3	18	3	18	3	18	2	15
16	18	3	18	2	18	1·5	18	1·5	18	1·5	18	2	18	3	18	3	18	3	18	3	20	3	21	6·5	26	4	21	5·5	25	3	25	4	30	5·5	31	5·5	31	4·5	30	4·5	30	5·5	29	4·5	27	6·5	27	5·5	16
17	28	4·5	28	4	28	4	28	4	27	4·5	28	5·5	28	5·5	30	4·5	30	4	30	5·5	29	6·5	29	5·5	31	5	32	4·5	31	4	30	4	28	4	27	7·5	29	4	29	2	29	3	29	2	29	2	29	2	17
18	28	4	27	3	26	4	26	3	26	4	26	4	21	6·5	21	6·5	20	5·5	20	5·5	24	4	24	4	17	8	16	7·5	20	7·5	26	6·5	22	5·5	22	3	22	4	20	4·5	20	4·5	20	5·5	20	4·5	20	4·5	18
19	20	4·5	20	4	20	4	20	4	20	3	20	3	20	4	23	4	24	4	22	4	20	4·5	20	6·5	20	6	20	6·5	20	6·5	20	6·5	20	5·5	20	5·5	20	7·5	20	5·5	20	4	20	4	17	6·5	14	11	19
20	15	8·5	15	7·5	15	9·5	15	10·5	14	11	14	11	14	15	14	19	14	20	14	21	14	23	14	23	14	17	14	20	14	21	15	22	15	20	15	21	15	20	15	16	15	14	15	10·5	23	4	23	4	20
21	23	3	23	3	23	3	23	4	23	4	23	5·5	21	5·5	20	6·5	19	7·5	20	8·5	19	9·5	18	9·5	20	6	18	9·5	21	8·5	19	9·5	20	10·5	19	9·5	21	7·5	21	5·5	21	5·5	21	4	21	5·5	21	4·5	21
22	21	4·5	21	4·5	21	4·5	21	4·5	21	4	21	4	21	5·5	21	5·5	19	7·5	19	8·5	19	7·5	16	11	16	11	16	10·5	14	9·5	15	11	14	11	14	10·5	14	7·5	15	4·5	15	5·5	15	6·5	15	6·5	15	7·5	22
23	17	7·5	17	7·5	17	7·5	17	7·5	17	8·5	17	7·5	17	6·5	17	6·5	17	7·5	17	8·5	17	9·5	17	7·5	17	6	18	7·5	17	9·5	14	8·5	14	8·5	15	7·5	12	7·5	12	4·5	14	8·5	14	10·5	15	11	16	10·5	23
24	17	9·5	17	8·5	17	12	17	11	17	11	17	11	17	12	17	11	18	11	17	10·5	17	11	17	11	17	6	17	7·5	17	9·5	17	10·5	18	6·5	17	7·5	17	9·5	16	7·5	17	7·5	16	10·5	16	10·5	17	13	24
25	17	8·5	17	9·5	17	9·5	17	11	17	11	17	12	17	11	17	9·5	17	10·5	17	14	16	18	17	16	16	17	16	16	16	18	17	16	17	17	16	14	16	11	16	10·5	16	10·5	16	10·5	15	11	15	9·5	25
26	16	11	15	14	16	12	15	10·5	14	12	16	12	16	14	15	14	14	15	14	13	15	15	15	12	15	7·5	14	8·5	14	6·5	16	7·5	13	7·5	13	5·5	13	4·5	13	4	13	3	13	4	14	4·5	14	5·5	26
27	14	4·5	14	3	14	4	14	3	14	4	14	3	14	2	14	3	13	3	8	4	8	4	7	4	6	4	6	4	6	4	6	3	5	5·5	4	7·5	4	7·5	4	5·5	4	5·5	4	6·5	4	8·5	27
28	4	6·5	4	7·5	5	7·5	4	4·5	9	10·5	8	9·5	11	5·5	7	7·5	9	11	9	11	8	10·5	10	12	10	9	10	12	11	12	13	9·5	20	7·5	21	6·5	21	4	23	2	22	3	20	4·5	7	9·5	7	9·5	28
29	7	10·5	7	7·5	8	7·5	6	6·5	4	4·5	4	7·5	5	13	6	13	6	12	6	9·5	5	11	7	11	6	11	7	10·5	6	10·5	6	10·5	7	9·5	6	8·5	6	8·5	5	7·5	6	6·5	6	8·5	6	9·5	7	8·5	29
30	4	5·5	4	4·5	5	6·5	5	7·5	5	6·5	5	5·5	4	6·5	6	8·5	6	9·5	5	9·5	5	10·5	6	7·5	7	5·5	5	7·5	4	6·5	8	7·5	4	7·5	5	8·5	5	5·5	5	4	8	3	8	4	8	3	8	4·5	30
31																																																	31

RAINFALL — GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.010	.	.	.	.	.010	.010	.010	.	.005	.	.010	.010	.010	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.010	.	.	6
7	.020	.010	.050	.080	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.010	.050	.080	.080	.100	.070	.080	.010	.040	.010	.040	.020	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.120	.130	.040	.010	.	.010	.	.010	.	.	.	.	9
10	.	.	.	.	.030	.	.	.	.	~~.010~~	.	.	.010	.020	.110	.140	.020	.240	.	.	.	.	.	.010	10
11	.	.	.	.	.	.060	.030	.060	.040	.120	.100	.020	.010	.010	.060	.	.010	.	.040	.050	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.025	.	.	.	.	.	.	.	.	.	.	.	.	.010	12
13	.010	.	.	.	.090	.110	.	.010	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.110	.	.	.	.010	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.010	.010	.	.	.	.	.	.005	.050	.	.	.	.	.	.	.	.	.	.005	.	.	18
19	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.040	.040	20
21	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.010	.020	.	.	.	.020	.	.	.	.	.	.	.	.	.	.040	.	23
24	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	~~.010~~	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.020	.	.010	.010	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.120	.120	.140	.080	.020	.010	.010	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31																									31
	.060	.040	.010	.050	.090	.160	.190	.040	.210	.180	.286	.260	.180	.340	.290	.300	.240	.050	.300	.060	.110	.040	.015	.050	.060
	3	3	1	1	2	5	4	2	5	3	5	5	5	8	7	5	4	4	4	3	4	3	2	3	

* Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
.253	.247	.247	.229	.232	.239	.265	.294	.317	.290	.306	.292	.323	.341	.329	.326	.322	.316	.313	.282	.283	.282	.262	.266	1
.259	.260	.257	.248	.248	.268	.291	.323	.346	.361	.359	.330	.336	.336	.360	.350	.343	.332	.374	.372	.370	.351	.348	.360	2
.371	.379	.377	.380	.380	.383	.388	.394	.383	.394	.399	.401	.388	.385	.394	.395	.403	.396	.390	.392	.386	.373	.374	.373	3
.378	.376	.380	.365	.365	.368	.359	.355	.354	.351	.346	.337	.335	.348	.345	.344	.348	.337	.342	.329	.324	.312	.312	.303	4
.282	.270	.269	.255	.255	.260	.298	.324	.317	.309	.333	.332	.315	.306	.317	.322	.320	.346	.370	.352	.328	.334	.318	.292	5
.392	.284	.276	.270	.280	.300	.288	.289	.292	.310	.326	.367	.384	.378	.395	.380	.397	.387	.382	.377	.395	.404	.399	.399	6
.398	.393	.396	.403	.396	.403	.415	.408	.417	.413	.417	.423	.423	.398	.393	.384	.379	.381	.395	.384	.398	.390	.393	.399	7
.397	.399	.399	.402	.401	.386	.389	.382	.386	.413	.430	.433	.440	.428	.439	.416	.420	.426	.424	.413	.399	.381	.382	.373	8
.366	.367	.365	.352	.358	.364	.384	.391	.387	.408	.419	.407	.374	.378	.385	.390	.409	.395	.365	.375	.375	.381	.356	.343	9
.348	.367	.361	.362	.371	.368	.372	.369	.364	.360	.356	.372	.378	.381	.334	.377	.359	.365	.387	.366	.356	.348	.346	.334	10
.327	.328	.333	.332	.328	.356	.359	.356	.369	.372	.387	.400	.410	.409	.410	.412	.419	.405	.415	.413	.398	.397	.387	.383	11
.379	.376	.368	.356	.361	.358	.368	.366	.374	.384	.386	.394	.402	.405	.401	.385	.406	.407	.412	.383	.376	.363	.366	.363	12
.356	.357	.362	.368	.374	.371	.354	.353	.342	.322	.349	.328	.328	.325	.321	.326	.345	.339	.320	.325	.334	.322	.311	.309	13
.307	.365	.299	.310	.320	.322	.333	.321	.330	.337	.347	.326	.317	.311	.325	.320	.325	.324	.310	.291	.279	.281	.291	.284	14
.293	.283	.294	.288	.288	.304	.309	.325	.343	.367	.372	.363	.384	.385	.375	.371	.360	.373	.376	.348	.348	.342	.340	.342	15
.328	.331	.344	.358	.370	.372	.380	.384	.376	.396	.379	.387	.430	.424	.403	.414	.411	.381	.398	.381	.385	.366	.353	.350	16
.345	.348	.347	.348	.344	.346	.336	.337	.350	.340	.318	.316	.323	.350	.332	.329	.346	.342	.358	.355	.363	.328	.332	.334	17
.375	.338	.338	.332	.336	.341	.342	.347	.347	.369	.349	.412	.379	.362	.362	.365	.368	.371	.363	.379	.364	.358	.354	.360	18
.361	.361	.350	.349	.360	.364	.366	.353	.347	.340	.348	.321	.339	.317	.313	.312	.320	.312	.348	.366	.361	.319	.344	.369	19
.348	.354	.341	.336	.329	.335	.321	.331	.339	.371	.383	.386	.396	.395	.404	.420	.403	.391	.406	.413	.422	.420	.396	.400	20
.387	.382	.378	.371	.371	.368	.371	.361	.345	.337	.333	.327	.341	.336	.364	.346	.324	.342	.316	.343	.324	.323	.318	.316	21
.320	.319	.325	.322	.323	.332	.352	.329	.340	.359	.339	.377	.352	.352	.355	.349	.336	.358	.370	.378	.355	.347	.352	.351	22
.351	.352	.352	.353	.355	.358	.364	.384	.399	.394	.460	.387	.408	.394	.404	.427	.440	.460	.452	.466	.459	.460	.450	.436	23
.435	.417	.408	.398	.407	.422	.436	.457	.453	.478	.478	.488	.502	.491	.512	.510	.531	.515	.518	.507	.489	.478	.464	.451	24
.438	.436	.435	.438	.435	.436	.453	.468	.477	.476	.455	.447	.449	.417	.412	.415	.431	.429	.424	.434	.430	.428	.427	.423	25
.406	.415	.422	.430	.433	.421	.432	.446	.474	.474	.468	.487	.534	.512	.542	.508	.529	.536	.532	.506	.508	.461	.436	.440	26
.460	.455	.452	.444	.456	.461	.494	.512	.508	.517	.527	.534	.550	.556	.590	.598	.612	.586	.547	.512	.513	.515	.510	.500	27
.490	.483	.482	.481	.491	.517	.537	.557	.561	.551	.562	.554	.586	.565	.560	.574	.610	.557	.535	.558	.537	.517	.485	.453	28
.463	.439	.423	.411	.398	.400	.396	.410	.441	.461	.480	.452	.460	.471	.471	.454	.442	.442	.443	.458	.455	.456	.443	.430	29
.400	.377	.379	.382	.403	.417	.421	.439	.453	.461	.434	.458	.486	.485	.473	.432	.451	.429	.438	.465	.434	.441	.424	.419	30
																								31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°.53′ N LONG. 4°.18′ W

HOURLY VALUES June 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·837	29·839	29·841	29·842	29·850	29·862	29·862	29·856	29·854	29·848	29·846	29·838	29·834
2	·808	·806	·804	·804	·798	·800	·802	·802	·795	·791	·784	·776	·768
3	·744	·742	·736	·726	·728	·736	·744	·749	·750	·759	·758	·761	·764
4	·692	·685	·680	·670	·658	·648	·648	·642	·640	·642	·644	·641	·643
5	·772	·776	·789	·796	·804	·814	·821	·833	·834	·844	·850	·847	·849
6	·911	·913	·919	·925	·935	·949	·959	·969	·973	·977	·968	·962	·956
7	·902	·887	·876	·852	·846	·836	·824	·802	·778	·764	·742	·722	·712
8	·580	·548	·528	·515	·512	·508	·502	·490	·480	·464	·451	·431	·411
9	·141	·137	·140	·155	·175	·187	·197	·205	·203	·201	·209	·208	·189
10	·167	·171	·173	·177	·181	·191	·203	·215	·221	·222	·231	·243	·271
11	·381	·375	·365	·367	·353	·347	·329	·312	·282	·257	·230	·216	·190
12	·072	·084	·096	·098	·113	·132	·156	·180	·202	·224	·248	·262	·288
13	·552	·568	·574	·596	·606	·626	·633	·648	·656	·664	·670	·675	·681
14	·775	·773	·773	·773	·779	·783	·783	·787	·786	·783	·776	·766	·752
15	·694	·688	·677	·670	·666	·667	·670	·666	·656	·652	·647	·641	·632
16	·647	·651	·647	·659	·663	·669	·667	·666	·661	·649	·637	·628	·612
17	·611	·603	·597	·587	·584	·591	·591	·599	·599	·590	·595	·601	·601
18	·619	·617	·615	·615	·617	·623	·621	·621	·623	·624	·622	·628	·626
19	·690	·696	·696	·698	·707	·720	·734	·734	·744	·752	·759	·758	·754
20	·824	·820	·818	·812	·812	·811	·806	·798	·792	·790	·785	·771	·761
21	·713	·691	·682	·677	·677	·691	·717	·735	·753	·765	·775	·791	·801
22	·923	·930	·930	·933	·941	·945	·949	·953	·948	·945	·940	·930	·924
23	·880	·876	·867	·858	·856	·860	·858	·856	·854	·846	·842	·842	·836
24	·782	·774	·766	·766	·764	·763	·772	·776	·788	·796	·793	·804	·807
25	·843	·843	·845	·850	·863	·871	·884	·889	·889	·895	·906	·906	·904
26	·916	·912	·908	·912	·920	·926	·932	·938	·934	·920	·921	·919	·917
27	·909	·907	·901	·891	·891	·897	·889	·885	·859	·836	·836	·824	·808
28	·794	·796	·796	·793	·802	·809	·810	·824	·813	·816	·823	·827	·823
29	·885	·887	·883	·885	·877	·875	·871	·863	† ·852	·843	·829	·817	·811
30	29·771	29·763	29·757	29·759	29·749	29·751	29·759	29·769	29·771	29·765	29·759	29·759	29·759
31													

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29·826	29·818	29·808	29·798	29·796	29·794	29·794	29·796	29·798	29·808	29·806	1
·764	·754	·750	·744	·748	·744	·746	·744	·753	·746	·742	2
·760	·752	·746	·738	·730	·726	·723	·728	·728	·718	·711	3
·650	·654	·656	·658	·674	·684	·702	·726	·736	·752	·764	4
·849	·853	·855	·859	·863	·865	·871	·885	·893	·907	·911	5
·944	·942	·938	·932	·935	·936	·937	·934	·928	·932	·924	6
·704	·708	·712	·712	·702	·696	·681	·682	·664	·642	·606	7
·369	·349	·323	·295	·267	·239	·211	·192	·181	·165	·151	8
·183	·173	·163	·161	·165	·167	·169	·175	·177	·167	·165	9
·286	·295	·303	·325	·335	·351	·359	·373	·383	·386	·387	10
·168	·138	·118	·095	·084	·076	·074	·075	·072	·067	·069	11
·318	·348	·372	·392	·414	·440	·458	·493	·514	·529	·546	12
·681	·683	·681	·682	·691	·711	·729	·754	·770	·772	·774	13
·748	·736	·718	·712	·714	·704	·704	·702	·712	·704	·704	14
·617	·607	·603	·603	·609	·617	·627	·633	·641	·643	·647	15
·617	·617	·619	·615	·615	·623	·629	·637	·633	·627	·621	16
·597	·594	·601	·604	·609	·609	·613	·625	·629	·631	·629	17
·624	·620	·622	·620	·628	·638	·657	·660	·668	·674	·680	18
·763	·764	·762	·768	·778	·784	·796	·808	·822	·820	·822	19
·749	·735	·727	·729	·737	·737	·732	·739	·740	·732	·723	20
·807	·815	·825	·835	·847	·853	·864	·887	·905	·911	·923	21
·912	·910	·890	·881	·876	·872	·882	·886	·883	·884	·882	22
·841	·832	·832	·814	·810	·810	·808	·802	·800	·794	·790	23
·815	·813	·817	·823	·832	·834	·837	·840	·842	·849	·849	24
·896	·892	·898	·894	·896	·904	·901	·914	·912	·915	·915	25
·914	·909	·905	·901	·905	·913	·911	·915	·928	·921	·916	26
·792	·786	·778	·783	·781	·776	·780	·784	·790	·798	·802	27
·823	·817	·813	·812	·821	·827	·841	·863	·873	·883	·887	28
·805	·779	·761	·765	·756	·761	·773	·773	·765	·785	·777	29
29·748	29·747	29·747	29·745	29·757	29·769	29·779	29·801	29·813	29·818	29·821	30
											31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	45·0	43·9	44·3	42·8	43·8	44·9	47·9	49·7	51·8	52·8	54·2	54·8	56·7	57·2	59·0	58·3	59·2	59·8	57·3	54·9	51·6	49·9	50·1	49·5
2	48·9	47·5	46·4	45·8	45·6	46·8	50·6	53·1	55·0	56·7	57·9	57·2	56·9	56·7	54·8	56·2	54·1	52·7	52·4	50·8	50·0	49·6	48·8	48·3
3	48·5	48·3	48·6	48·0	47·9	47·6	47·7	48·1	48·2	49·3	50·2	50·8	51·1	52·0	53·3	53·9	53·2	52·3	51·9	50·2	48·0	47·4	45·9	45·3
4	45·2	44·0	43·3	42·5	43·4	45·8	48·4	51·5	50·3	50·2	51·1	52·1	52·0	52·1	52·1	52·5	52·1	51·5	51·6	50·1	47·3	47·2	46·3	43·9
5	43·2	40·9	40·9	41·1	42·9	44·6	46·5	50·4	53·8	54·8	56·3	55·9	59·1	57·3	56·9	59·0	59·8	58·9	55·3	52·9	50·1	47·0	45·7	44·3
6	43·6	42·4	42·5	42·1	43·2	43·9	48·9	50·0	51·9	53·1	54·3	55·9	57·0	56·9	57·5	59·0	58·5	57·2	53·8	50·9	49·1	48·0	47·2	47·1
7	47·7	47·7	47·0	46·3	46·1	46·2	47·3	47·9	48·8	49·1	50·7	57·0	56·8	57·0	58·3	57·4	56·4	56·3	56·0	55·5	56·0	55·1	55·0	53·6
8	54·0	54·1	54·9	55·4	55·1	55·0	55·0	57·2	58·1	58·2	59·2	59·3	61·1	61·0	59·0	59·2	59·0	57·5	56·3	56·8	56·0	55·5	53·5	53·1
9	53·1	52·8	50·8	50·1	50·8	51·2	53·0	55·3	58·8	57·1	60·9	61·9	63·8	62·2	62·0	63·7	60·9	55·3	54·3	54·1	53·9	52·9	52·3	52·1
10	51·5	51·1	51·2	52·0	52·1	52·0	53·3	56·2	57·0	58·2	60·0	61·2	58·8	61·3	60·9	59·0	57·8	57·3	56·0	54·6	53·1	52·8	51·9	50·4
11	49·5	48·4	48·7	48·8	48·7	51·0	53·5	55·2	56·0	56·3	57·0	54·5	53·9	51·9	51·9	51·2	51·3	51·9	51·9	51·5	51·3	51·4	51·8	51·9
12	52·0	52·1	52·1	51·8	52·0	52·8	53·2	53·3	53·9	55·6	55·9	56·0	55·9	55·4	54·0	53·8	53·9	53·9	53·0	52·5	51·6	51·3	50·8	50·0
13	49·3	48·7	47·9	47·5	47·8	48·7	51·4	52·8	54·1	55·4	55·9	55·4	57·1	56·9	59·1	59·4	58·9	57·0	54·9	52·9	51·7	50·3	50·1	49·3
14	48·6	48·1	47·9	47·8	47·9	48·8	49·9	50·5	51·6	52·7	52·9	54·0	53·0	54·8	56·4	56·1	55·9	55·5	54·5	53·0	52·0	52·0	50·0	49·5
15	49·3	49·0	48·6	48·3	48·2	48·7	49·0	49·8	52·0	53·9	55·9	57·2	57·9	59·7	60·7	60·1	58·3	57·4	57·8	54·0	52·8	51·7	50·3	49·2
16	47·8	46·8	46·0	45·8	44·8	47·9	51·2	54·0	56·1	57·9	59·8	62·8	65·7	62·3	63·2	61·8	61·0	60·9	57·8	55·0	53·3	53·2	52·1	50·9
17	50·0	49·8	49·0	47·9	49·0	50·8	54·1	55·5	57·8	58·8	61·1	61·9	60·1	62·5	60·9	58·9	59·3	58·0	57·1	55·6	54·4	53·7	52·5	51·3
18	49·9	49·1	49·5	49·0	48·7	51·1	52·7	55·2	56·5	55·1	56·9	58·4	57·3	58·2	61·6	59·9	63·0	59·3	58·3	55·9	54·3	53·0	51·9	49·4
19	48·1	47·9	47·8	47·8	49·8	52·9	55·1	56·0	57·4	58·5	57·8	59·3	62·3	62·0	62·9	63·8	62·4	61·2	62·5	59·5	55·6	54·8	52·7	50·1
20	49·2	49·3	49·9	48·6	48·7	51·5	55·3	58·2	62·1	63·5	61·8	64·0	66·6	67·4	67·2	66·2	63·0	61·0	59·2	59·2	58·9	58·0	56·1	55·8
21	55·1	54·9	54·5	54·0	54·3	54·4	54·1	56·9	59·0	60·0	59·9	61·1	62·0	62·9	64·1	63·8	62·7	61·0	60·0	58·0	56·0	54·7	53·6	53·3
22	51·9	51·1	49·0	49·7	50·3	52·0	56·3	57·0	60·8	64·1	63·6	65·0	65·9	66·5	66·1	69·2	67·9	66·8	67·2	60·9	58·2	55·9	54·2	52·9
23	51·3	50·2	50·2	48·7	49·1	50·8	55·9	59·1	60·2	63·8	65·0	64·9	64·0	61·9	63·7	62·8	63·7	63·2	60·9	59·3	57·9	57·2	57·5	57·0
24	57·3	57·1	57·8	58·2	58·2	58·6	59·1	61·1	62·0	61·5	62·5	63·3	63·9	62·9	63·7	63·4	62·8	62·7	61·8	61·4	61·0	60·7	60·5	60·2
25	60·0	59·5	58·3	58·2	58·6	60·0	60·7	62·0	63·1	63·3	63·2	65·1	65·0	68·2	70·0	71·8	69·0	67·4	67·9	64·3	63·1	62·8	61·3	59·1
26	59·5	58·1	56·1	55·9	55·2	59·1	62·6	65·2	67·4	70·0	72·3	72·5	74·3	76·3	77·0	75·1	76·0	74·1	70·7	67·8	66·5	64·5	62·9	62·4
27	61·2	60·7	59·7	59·2	60·5	59·5	65·3	70·3	72·2	75·4	*	79·7	*	82·1	...	*	...	81·0	*	76·0	73·3	71·3	69·9	69·0
28	70·2	69·8	66·5	65·4	64·2	65·5	67·0	69·3	72·4	72·9	75·0	76·4	76·8	76·6	79·4	80·0	77·1	78·7	74·3	69·2	63·5	60·1	57·5	56·2
29	55·9	55·3	54·9	54·6	56·0	57·9	60·6	62·8	66·7	68·9	70·2	71·0	71·6	72·1	72·7	72·3	70·3	69·0	67·3	64·3	62·2	60·7	59·7	59·4
30	59·3	58·2	57·6	57·3	57·3	58·0	59·0	60·2	62·2	64·0	65·0	67·7	68·5	69·4	70·3	70·9	69·7	64·1	62·9	59·0	55·0	55·1	54·9	54·2
31																								

* Record defective or Instrument out of action. † Reading of Standard

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
42·2	41·5	41·8	41·0	41·7	42·0	44·8	45·6	46·1	46·3	46·2	46·9	47·5	47·9	49·0	49·1	49·9	49·8	50·6	48·9	47·9	46·7	48·9	46·4	1
45·9	45·2	44·4	43·9	43·2	44·2	46·9	48·2	49·9	50·2	51·1	50·5	51·0	50·5	49·0	51·2	49·9	48·9	48·9	48·0	47·7	47·2	47·2	47·1	2
47·3	47·6	47·8	47·1	46·9	46·8	46·7	46·9	46·9	47·2	47·2	47·9	47·7	48·0	48·2	49·5	48·9	47·3	47·1	46·4	45·3	45·0	43·7	43·4	3
43·3	42·7	42·0	41·3	41·9	43·4	44·9	45·9	45·3	45·0	45·1	45·7	46·0	45·5	45·9	45·7	45·2	45·1	44·9	44·4	43·2	43·8	42·6	42·0	4
41·2	39·4	39·8	40·0	41·7	42·8	44·0	45·8	48·0	48·1	50·0	49·0	51·0	49·8	49·9	50·0	50·1	50·0	48·3	47·3	46·0	44·3	43·2	42·5	5
42·0	41·2	41·2	40·8	41·9	42·3	45·8	46·5	47·1	47·8	49·7	49·6	50·0	49·9	50·1	50·9	50·8	50·1	48·3	46·5	45·4	45·0	44·8	44·8	6
44·9	45·0	45·0	45·0	45·0	45·2	46·2	46·8	47·7	48·2	50·0	55·4	55·0	55·0	55·9	55·0	53·9	53·9	53·9	53·0	52·9	52·8	52·7	52·5	7
52·9	53·1	53·7	54·1	54·1	53·5	54·0	55·1	55·2	55·6	56·2	56·8	57·2	57·5	56·0	56·2	56·5	55·6	55·0	55·2	54·9	54·5	57·0	51·8	8
51·9	51·6	48·3	48·0	48·1	48·9	50·1	52·1	53·9	51·9	54·4	54·0	55·7	54·3	55·7	56·8	55·2	53·9	52·8	52·7	52·8	51·9	51·6	51·4	9
50·8	50·3	50·7	51·0	51·1	50·9	51·2	52·3	53·4	53·3	54·8	55·5	54·5	55·1	54·6	52·9	52·1	52·8	51·9	51·2	51·1	50·5	50·1	49·0	10
48·7	47·3	47·7	47·8	47·0	48·9	50·0	51·0	52·0	52·1	52·1	51·8	52·2	50·2	50·8	50·2	50·3	50·8	50·5	50·0	50·0	50·1	50·8	50·8	11
50·4	50·8	50·7	50·1	50·2	50·3	50·2	50·1	49·9	50·3	50·0	50·2	50·2	50·0	49·7	49·2	49·1	48·7	48·2	48·2	48·0	47·8	46·3	44·9	12
45·1	45·0	44·2	44·1	44·3	43·9	45·3	45·8	46·9	47·8	47·5	47·8	48·4	48·9	50·2	49·8	50·1	50·1	49·7	47·9	47·0	46·2	45·9	45·8	13
45·5	45·2	45·0	44·8	44·6	45·0	45·8	44·5	45·3	46·3	46·6	48·1	48·1	49·5	50·2	49·9	50·1	49·9	49·9	49·3	48·9	48·9	46·0	46·0	14
46·6	46·4	46·2	46·0	46·0	46·2	46·8	47·2	48·8	49·4	50·7	50·8	50·4	50·9	51·9	51·9	52·2	52·1	52·5	50·1	48·9	48·1	47·1	46·3	15
44·9	44·1	43·5	43·1	42·7	45·0	47·1	49·2	50·9	51·9	53·9	55·9	57·8	53·9	54·5	56·0	54·7	54·0	53·0	50·8	49·3	49·0	49·2	48·9	16
48·5	48·2	47·5	46·8	47·9	49·3	51·8	52·2	53·8	53·9	55·2	54·9	53·9	54·0	54·6	53·3	54·2	54·0	53·8	52·0	52·0	50·3	49·8	48·8	17
47·7	47·0	46·8	46·8	46·3	47·9	49·5	50·3	50·1	50·2	50·5	51·2	51·3	51·2	53·5	53·1	54·8	52·9	52·8	51·9	51·0	50·3	48·9	48·2	18
47·0	46·7	46·7	46·8	47·9	50·5	52·2	52·3	53·1	54·0	53·1	53·9	55·1	54·1	54·9	55·1	54·7	53·8	*	54·7	52·9	51·9	50·6	48·8	19
48·0	47·7	47·6	47·0	46·9	48·9	51·0	52·6	54·2	55·3	53·2	55·6	55·9	55·5	55·2	52·9	52·7	52·4	52·9	52·0	52·1	52·4	53·0	52·9	20
52·8	52·8	52·4	52·7	53·1	53·3	52·7	53·6	54·3	54·2	53·9	53·2	53·9	54·8	54·8	54·0	53·1	51·3	51·9	52·2	52·1	51·9	51·2	50·3	21
49·5	49·1	47·8	48·2	48·3	49·5	51·8	53·3	55·0	55·9	55·3	56·8	58·0	58·1	58·2	59·7	57·9	57·2	*	56·1	54·3	51·3	50·1	49·5	22
49·0	48·1	48·1	46·9	47·0	48·0	52·7	53·6	54·9	58·0	58·2	58·0	58·0	56·5	57·7	56·5	57·3	56·8	55·3	55·0	54·4	54·5	54·8	54·3	23
54·8	54·9	54·3	54·6	54·9	55·0	55·7	56·8	57·2	57·3	58·0	59·0	59·8	59·5	60·0	60·7	59·9	59·5	59·0	59·0	58·7	58·2	58·1	58·0	24
57·9	57·4	56·2	56·1	56·2	57·4	57·3	58·3	58·9	58·8	59·3	60·7	60·6	62·5	63·8	62·9	60·9	60·0	60·0	58·3	58·0	57·8	57·1	56·2	25
56·6	55·9	54·7	54·3	53·3	56·5	58·2	59·5	60·8	62·4	64·9	65·9	65·9	66·1	66·9	66·8	66·9	65·8	63·9	62·2	61·9	61·3	59·8	59·8	26
59·4	58·9	57·9	57·7	58·3	57·8	63·0	64·9	66·0	68·0	69·0	69·7	69·3	70·0	69·7	69·0	68·2	69·8	70·2	68·2	68·2	66·9	66·0	64·9	27
65·0	64·5	62·6	61·7	60·6	60·7	61·8	63·0	64·3	64·9	66·5	66·8	68·1	67·9	67·9	66·1	66·7	65·5	64·2	61·9	56·9	55·0	53·9	53·5	28
53·1	53·0	52·8	52·6	53·5	54·7	56·8	58·0	60·3	60·0	60·1	59·5	59·8	60·0	63·1	63·2	62·3	60·0	59·2	57·2	55·1	54·9	55·3	55·7	29
55·9	55·6	55·3	55·3	55·2	54·8	54·9	54·7	54·8	55·0	54·9	56·9	57·3	57·2	57·3	56·4	58·3	56·8	56·0	53·5	52·2	51·7	51·0	50·4	30
																								31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53′N. LONG: 4°18′ W.

HOURLY VALUES June 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W, 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	5	9·5	5	5·5	5	4·5	5	4·5	5	4·5	6	4·5	4	7·5	5	7·5	7	5·5	6	5·5	2	4·5	27	4
2	7	8·5	5	7·5	5	9·5	5	7·5	5	6·5	5	5·5	5	9·5	4	8·5	4	10·5	5	10·5	5	10·5	5	13
3	5	12	3	8·5	5	7·5	5	13	4	13	5	12	6	13	5	12	5	15	5	13	6	14	6	12
4	4	14	5	10·5	6	9·5	5	18	7	7·5	5	15	5	14	6	16	4	18	5	17	5	20	6	19
5	4	4·5	4	2	4	3	4	2	4	2	4	3	4	2	4	6·5	21	8·5	23	10·5	22	10·5	24	11
6	21	4	21	3	21	3	21	2	21	3	21	2	2	5·5	9	6·5	8	11	8	11	6	11	5	11
7	5	12	7	9·5	5	12	5	9·5	4	12	5	11	5	12	5	15	5	14	5	11	5	9·5	16	19
8	8	12	8	13	12	9·5	12	10·5	15	10·5	16	7·5	16	4·5	15	9·5	15	9·5	15	11	15	6·5	14	6·5
9	17	14	20	13	22	18	21	15	21	12	21	11	19	11	19	20	20	16	20	18	19	19	19	15
10	18	4·5	18	4	18	4	18	3	18	5·5	18	9·5	18	13	19	10·5	20	8·5	22	11	20	14	19	16
11	19	3	19	4	31	4·5	31	3	3	7·5	5	7·5	9	8·5	8	9·5	4	13	5	14	*	16	*	21
12	3	11	4	11	3	9·5	1	6·5	1	8·5	3	11	3	16	2	17	3	17	2	16	2	16	1	14
13	7	6·5	11	4	8	6·5	8	6·5	6	7·5	6	8·5	5	8·5	7	8·5	8	9·5	8	8·5	6	11	4	9·5
14	7	6·5	6	4·5	6	4·5	6	4	6	3	6	3	6	5·5	7	5·5	7	4	7	4	32	4·5	30	4·5
15	6	6·5	6	6·5	4	6·5	4	5·5	4	7·5	4	7·5	4	6·5	5	8·5	5	8·5	5	9·5	5	10·5	6	6·5
16	5	9·5	5	5·5	6	4·5	6	4	6	4·5	6	4	5	6·5	6	4·5	7	4·5	4	4·5	26	4	25	4·5
17	6	4	6	4·5	6	4·5	6	6·5	25	5·5	25	6·5	24	9·5	24	10·5	25	13	24	12	24	13	24	7·5
18	23	5·5	22	7·5	21	8·5	21	5·5	21	7·5	22	8·5	22	11	24	12	24	11	22	9·5	26	9·5	22	10·5
19	20	4	20	3	20	1·5	20	3	20	2	20	2	20	2	20	4·5	22	6·5	20	8·5	25	5·5	25	4·5
20	24	4	24	2	24	3	4	4	4	4	4	5·5	4	6·5	13	9·5	13	12	15	15	15	16	14	16
21	12	10·5	13	12	13	15	14	13	15	12	21	10·5	21	6·5	20	10·5	23	12	22	12	22	15	21	13
22	19	4	19	3	19	3	19	2	19	4	19	4	11	4	11	4	19	4·5	17	9·5	19	11	17	8·5
23	18	3	18	4·5	18	4	18	4·5	18	4	18	4·5	18	4	18	4·5	18	4·5	18	6·5	19	12	19	11
24	23	3	15	4·5	15	6·5	13	6·5	13	5·5	13	8·5	17	9·5	17	15	17	13	16	11	17	17	19	15
25	13	7·5	15	10·5	14	14	14	8·5	14	5·5	14	8·5	16	13	17	11	15	10·5	16	10·5	16	11	15	9·5
26	13	2	13	4	14	4	14	3	14	4	14	5·5	15	9·5	18	8·5	15	9·5	16	13	18	14	20	10·5
27	2	4	5	5·5	7	4·5	7	3	7	4	7	3	7	3	7	6·5	5	10·5	4	12	12	14	15	15
28	9	14	9	12	5	9·5	6	12	4	17	6	13	6	19	5	17	7	19	5	21	6	24	6	21
29	3	15	4	18	4	17	5	15	4	12	4	14	5	14	4	15	5	12	5	16	7	19	5	18
30	5	2	5	4·5	6	7·5	6	8·5	5	6·5	5	6·5	5	9·5	5	10·5	5	13	4	12	5	14	4	15
31																								

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	4	4	5	4	2	4·5	2	3	26	4	21	7·5	21	4·5	21	4·5	21	4·5	21	3	21	5·5	9	6·5
2	6	13	6	17	5	15	6	14	7	16	6	14	5	15	5	15	5	17	5	16	5	14	5	15
3	5	13	5	13	5	12	5	12	5	13	6	12	4	11	5	12	5	11	5	11	5	11	5	12
4	5	20	7	18	7	15	7	15	7	13	6	12	7	12	6	8·5	5	10·5	8	9·5	8	5·5	4	4
5	22	13	22	15	25	13	25	15	24	13	25	14	21	16	22	10·5	21	11	21	6·5	21	4·5	21	5·5
6	7	7	5	11	5	10·5	5	10·5	5	15	7	11	4	12	5	13	5	15	4	13	4	11	5	10·5
7	16	20	18	20	18	16	18	17	17	16	16	11	16	5·5	15	5·5	13	5·5	10	6·5	6	7·5	6	9·5
8	15	5·5	8	9·5	11	12	10	8·5	9	6·5	7	7·5	7	8·5	9	11	8	13	16	11	15	10·5	15	10·5
9	17	12	19	14	19	9·5	22	7·5	17	7·5	20	4·5	15	3	15	3	15	2	15	2	15	2	15	3
10	21	20	21	21	22	18	19	16	21	15	19	12	20	11	19	9·5	20	6·5	20	7·5	19	6·5	19	4
11	5	25	4	25	5	23	4	24	4	25	5	23	4	20	4	21	4	16	4	15	4	14	4	13
12	1	12	3	12	3	8·5	3	7·5	3	11	3	11	4	7·5	4	4·5	4	5·5	5	5·5	6	5·5	7	9·5
13	8	10·5	8	8·5	10	7·5	7	7·5	8	9·5	5	12	7	11	5	11	5	12	7	8·5	7	6·5	7	6·5
14	26	4·5	26	3	19	4	19	3	16	5·5	16	7·5	19	5·5	19	6·5	19	3	19	4·5	6	9·5	6	8·5
15	7	7·5	5	7·5	7	7·5	5	4	10	3	7	5·5	5	8·5	5	13	5	15	5	10·5	5	10·5	4	11
16	22	9·5	24	6·5	31	5·5	7	10·5	13	9·5	8	11	5	8·5	4	7·5	4	7·5	6	5·5	6	4·5	6	3
17	26	9·5	12	6·5	25	10·5	3	7·5	29	6·5	24	5·5	29	4·5	30	4	26	4·5	26	6·5	26	8·5	23	5·5
18	21	12	21	16	21	16	18	12	23	14	24	9·5	19	11	19	10·5	20	5·5	20	5·5	20	4	20	3
19	26	7·5	24	8·5	24	7·5	20	8·5	20	9·5	25	8·5	27	6·5	24	5·5	24	4·5	24	3	24	2	24	3
20	14	20	14	20	15	18	15	17	18	15	17	11	17	7·5	13	9·5	15	8·5	12	10·5	12	9·5	11	9·5
21	20	16	22	11	19	12	17	13	20	11	21	11	21	7·5	21	8·5	22	4·5	21	6·5	18	4	20	6·5
22	20	9	21	10·5	20	11	20	10·5	18	10·5	22	12	20	8·5	21	6·5	19	7·5	17	7·5	18	8·5	18	4
23	21	9·5	21	12	21	10·5	21	11	20	7·5	21	6·5	23	4·5	23	4	23	2	23	3	23	2	23	4·5
24	19	12	19	11	19	15	19	8·5	18	9·5	16	12	15	8·5	13	7·5	13	6·5	13	5·5	14	7·5	16	7·5
25	17	10·5	16	10·5	16	13	18	16	18	14	18	8·5	18	12	21	6·5	15	6·5	12	5·5	12	8·5	13	5·5
26	20	13	18	14	20	12	20	11	18	9·5	24	9·5	23	9·5	23	3	23	2	23	4	2	5·5	2	3
27	15	18	15	17	15	15	15	15	15	13	20	6·5	26	3	12	6·5	7	7·5	5	4·5	7	8·5	5	6·5
28	5	21	6	20	7	15	4	18	6	20	5	17	7	15	4	19	4	20	4	21	5	20	4	15
29	7	20	5	22	7	20	5	23	5	21	5	16	5	13	5	15	4	14	4	16	4	5·5	8	5·5
30	8	13	7	13	6	14	6	15	8	16	5	16	6	11	5	14	6	10·5	7	7·5	7	11	7	11
31																								

RAINFALL. GAUGE (HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 180 FEET)

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1																								
2																							·019	·005
3	·007	·053	·010	·014	~~·001~~	~~·001~~			~~·002~~															
4																								
5																								
6																								
7			·008	·032	·068	·110	·027	·035	·064	·170	·189	~~·002~~	~~·002~~	·001							·003	~~·002~~	·004	·052
8	·074	·102	·028	·020	·058	·014	~~·002~~	·001	~~·002~~	~~·002~~				·013	·023	·006	·010	·062	·076	·030	·065	·075	~~·002~~	
9																		·090	·040	·090		·180	·220	·028
10	~~·002~~			·001	·001	·002	·004																	
11												·020	·048	·042	·028	·032	·040	·020	·003	~~·001~~		·011	·005	
12								·007																
13																								
14																								
15																								
16																·033	~~·002~~							
17		~~·002~~													·005	·005		·010	~~·002~~			·003		~~·001~~
18																								
19																								
20																							·030	·010
21	·028	·021	·003	·008	·022	·028	~~·002~~	~~·002~~																
22																								
23																								
24																								
25																								
26																								
27																					·040	·008		~~·002~~
28																								
29																								
30																								
31																								

·098 ·111 ·178 ·049 ·045 ·159 ·155 ·035 ·045 ·068 ·172 ·189 ·022 ·050 ·056 ·056 ·046 ·052 ·18 ·112 ·121 ·108 ·249 ·280 ·098

5 3 3 4 4 3 4 3 3 2 1 1 1 1 2 3 4 2 4 3 2 3 5 5 5

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	·237	·235	·237	·236	·240	·234	·260	·260	·250	·246	·231	·241	·239	·241	·248	·256	·263	·257	·294	·279	·290	·281	·283	·279
2	·275	·274	·269	·265	·252	·259	·278	·280	·300	·291	·299	·292	·305	·298	·282	·319	·307	·300	·304	·301	·302	·296	·305	·308
3	·311	·321	·322	·312	·308	·310	·306	·306	·305	·300	·289	·299	·291	·287	·278	·300	·295	·269	·269	·271	·270	·270	·260	·259
4	·258	·259	·252	·246	·249	·255	·258	·249	·248	·243	·237	·239	·246	·236	·243	·237	·230	·234	·229	·233	·234	·247	·233	·245
5	·236	·224	·233	·234	·250	·254	·259	·257	·269	·263	·291	·275	·286	·277	·282	·267	·263	·268	·264	·264	·264	·260	·251	·251
6	·248	·245	·244	·240	·250	·251	·273	·276	·269	·272	·300	·288	·283	·282	·281	·285	·288	·283	·275	·267	·262	·263	·269	·270
7	·271	·267	·275	·283	·286	·289	·299	·305	·317	·326	·352	·417	·408	·405	·414	·400	·382	·384	·388	·370	·363	·370	·367	·380
8	·385	·390	·396	·401	·405	·389	·403	·406	·398	·407	·411	·426	·415	·425	·407	·411	·422	·416	·415	·414	·416	·412	·367	·368
9	·370	·366	·308	·308	·303	·318	·325	·349	·355	·324	·345	·324	·347	·328	·365	·374	·364	·396	·378	·381	·383	·372	·373	·371
10	·363	·355	·363	·361	·363	·358	·348	·344	·361	·347	·364	·369	·370	·358	·349	·328	·322	·343	·338	·334	·349	·338	·339	·330
11	·334	·312	·319	·320	·307	·321	·316	·323	·340	·339	·329	·350	·367	·341	·357	·350	·352	·357	·349	·342	·344	·346	·359	·357
12	·345	·355	·352	·341	·340	·333	·325	·321	·309	·305	·296	·299	·300	·299	·303	·294	·291	·283	·281	·287	·292	·291	·263	·243
13	·254	·257	·248	·250	·251	·235	·238	·236	·245	·254	·246	·254	·251	·262	·270	·260	·270	·285	·296	·276	·269	·266	·262	·269
14	·269	·266	·264	·261	·256	·257	·262	·232	·237	·246	·250	·269	·279	·293	·294	·292	·298	·297	·304	·306	·308	·308	·265	·271
15	·286	·285	·284	·282	·283	·283	·294	·293	·305	·298	·311	·298	·284	·279	·290	·296	·320	·325	·332	·312	·299	·293	·285	·281
16	·263	·257	·255	·248	·249	·264	·276	·292	·314	·317	·344	·361	·378	·318	·324	·398	·351	·335	·344	·320	·303	·297	·314	·322
17	·322	·317	·310	·305	·320	·333	·354	·350	·364	·355	·362	·346	·341	·319	·349	·338	·356	·367	·371	·344	·356	·321	·324	·314
18	·303	·297	·288	·294	·286	·297	·315	·308	·291	·306	·293	·296	·309	·298	·317	·324	·332	·325	·334	·339	·331	·330	·309	·322
19	·308	·303	·305	·307	·310	·336	·353	·348	·350	·361	·347	·349	·347	·325	·336	·331	·336	·327	*	·367	·367	·349	·348	·328
20	·318	·311	·301	·302	·299	·315	·323	·330	·379	·340	·307	·342	·326	·312	·306	·268	·286	·298	·326	·306	·311	·328	·364	·365
21	·369	·371	·365	·380	·387	·391	·379	·368	·362	·349	·343	·315	·321	·333	·323	·308	·297	·275	·297	·323	·343	·350	·344	·326
22	·314	·325	·317	·318	·314	·323	·331	·359	·360	·348	·339	·361	·381	·379	·384	·393	·361	·355	*	·387	·372	·325	·310	·312
23	·310	·310	·310	·299	·297	·301	·345	·343	·365	·405	·396	·392	·403	·387	·398	·376	·387	·380	·367	·377	·378	·389	·394	·385
24	·396	·401	·377	·380	·387	·385	·398	·404	·405	·413	·421	·439	·456	·460	·465	·491	·474	·463	·459	·464	·461	·449	·449	·450
25	·450	·442	·423	·421	·419	·435	·423	·436	·439	·433	·450	·468	·466	·483	·502	·453	·426	·420	·414	·407	·413	·411	·410	·412
26	·418	·417	·410	·400	·381	·393	·425	·430	·442	·458	·507	·538	·515	·497	·515	·535	·525	·515	·502	·479	·487	·495	·469	·476
27	·480	·472	·454	·455	·456	·454	·539	·533	·544	·571	*	†·572	*	†·553	...	*	...	†·560	*	·568	·606	·587	·577	·548
28	·538	·527	·509	·494	·477	·467	·477	·483	·488	·500	·526	·518	·555	·551	·518	·458	·508	·456	·465	·452	·379	·368	·370	·375
29	·369	·372	·371	·370	·378	·386	·410	·417	·436	·403	·393	·371	·373	·373	·449	·457	·452	·402	·399	·378	·348	·359	·381	·394
30	·400	·407	·406	·410	·407	·388	·377	·360	·340	·328	·318	·340	·342	·332	·327	·304	·358	·370	·362	·342	·346	·341	·326	·318
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10' N LONG 2°6' W — HOURLY VALUES June 1878.

BAROMETER. CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.950	29.946	29.945	29.943	29.947	29.947	29.943	29.943	29.946	29.948	29.953	29.952	29.951	29.949	29.952	29.948	29.941	29.944	29.941	29.944	29.945	29.949	29.950	29.957	1
2	.956	.957	.949	.949	.942	.944	.944	.949	.949	.947	.943	.949	.944	.942	.942	.939	.931	.934	.934	.931	.929	.931	.924	.921	2
3	.915	.906	.895	.891	.891	.899	.904	.909	.908	.907	.911	.908	.910	.908	.903	.894	.883	.877	.880	.883	.885	.878	.875	.870	3
4	.859	.850	.838	.830	.827	.825	.823	.821	.821	.822	.825	.823	.820	.823	.824	.820	.823	.826	.831	.841	29.850	29.863	29.865	29.869	4
5	29.877	29.877	29.882	29.887	29.899	29.907	29.915	29.919	29.924	29.933	29.944	29.947	29.957	29.961	29.963	29.963	29.971	29.977	29.987	29.990	30.005	30.018	30.027	30.035	5
6	30.039	30.043	30.046	30.052	30.058	30.065	30.081	30.095	30.102	30.101	30.107	30.121	30.125	30.128	30.122	30.118	30.118	30.125	30.124	30.123	30.120	30.110	30.109	30.096	6
7	30.078	30.064	30.046	30.032	30.024	30.017	30.016	30.010	30.002	29.998	29.981	29.971	29.953	29.938	29.925	29.911	29.895	29.881	29.878	29.867	29.850	29.840	29.828	29.823	7
8	29.813	29.773	29.760	29.737	29.708	29.701	29.680	29.675	29.664	.647	.640	.627	.611	.591	.570	.542	.510	.496	.456	.431	.412	.387	.354	.300	8
9	.272	.257	.237	.240	.234	.230	.223	.227	.230	.243	.263	.271	.280	.275	.275	.273	.272	.279	.283	.287	.288	.286	.279	.276	9
10	.275	.273	.269	.272	.283	.291	.305	.315	.320	.328	.333	.354	.371	.391	.394	.396	.402	.417	.424	.437	.454	.462	.474	.475	10
11	.480	.474	.474	.482	.483	.489	.489	.492	.491	.482	.482	.478	.466	.445	.428	.413	.397	.380	.360	.343	.333	.314	.298	.287	11
12	.277	.276	.272	.271	.283	.300	.319	.328	.347	.368	.391	.411	.427	.454	.471	.494	.519	.541	.563	.589	.608	.627	.640	.654	12
13	.666	.682	.685	.694	.711	.722	.743	.760	.775	.794	.810	.814	.823	.829	.843	.842	.846	.855	.868	.882	.891	.898	.903	.899	13
14	.892	.894	.886	.890	.889	.896	.896	.896	.900	.896	.893	.895	.893	.892	.889	.879	.873	.872	.872	.871	.872	.864	.864	.855	14
15	.843	.831	.818	.810	.810	.811	.815	.809	.803	.793	.794	.791	.786	.788	.782	.782	.774	.780	.789	.793	.796	.794	.794	.797	15
16	.792	.787	.780	.787	.793	.801	.790	.792	.787	.781	.779	.772	.770	.774	.771	.769	.764	.754	.752	.743	.742	.730	.728	.712	16
17	.693	.693	.677	.667	.664	.671	.683	.694	.703	.708	.714	.717	.714	.716	.709	.712	.710	.714	.721	.726	.734	.730	.719	.717	17
18	.700	.691	.687	.681	.682	.684	.689	.690	.697	.701	.705	.700	.700	.707	.708	.709	.713	.722	.736	.752	.759	.760	.770	.777	18
19	.775	.777	.780	.785	.795	.805	.819	.825	.829	.837	.855	.854	.859	.861	.873	.876	.886	.909	.907	.915	.930	.933	.937	.941	19
20	.942	.940	.937	.940	.946	.949	.950	.944	.947	.947	.942	.942	.936	.930	.923	.914	.909	.895	.902	.894	.895	.893	.882	29.888	20
21	29.879	29.872	29.868	29.862	29.853	29.856	29.862	29.860	29.856	29.870	29.880	29.880	29.880	29.886	29.881	29.873	29.879	29.896	29.919	29.945	29.961	29.981	29.996	30.011	21
22	30.027	30.031	30.031	30.035	30.046	30.059	30.069	30.073	30.071	30.066	30.060	30.052	30.047	30.048	30.048	30.039	30.031	30.027	30.025	30.031	30.030	30.024	30.024	30.017	22
23	30.008	29.998	29.988	29.979	29.969	29.962	29.962	29.959	29.950	29.942	29.937	29.934	29.932	29.929	29.919	29.919	29.913	29.912	29.910	29.912	29.915	29.912	29.911	29.908	23
24	29.897	.886	.879	.871	.879	.876	.879	.889	.892	.892	29.889	.895	.902	29.908	29.907	29.905	29.914	29.924	29.933	29.933	29.942	29.945	29.948	29.952	24
25	29.960	29.956	29.961	29.954	29.969	29.977	29.988	29.989	29.991	29.999	30.001	29.998	29.998	30.000	30.001	30.000	30.003	30.006	30.009	30.015	30.016	30.023	30.031	30.027	25
26	30.033	30.031	30.026	30.023	30.019	30.023	30.028	30.031	30.031	30.027	.030	30.031	30.030	.039	.042	.039	30.039	.040	.049	.051	.060	.069	.070	.067	26
27	.069	.055	.050	.046	.038	.045	.046	.046	.038	.032	.026	.016	.011	.006	.015	.001	29.995	.004	.006	.010	.011	.025	.026	.030	27
28	.033	.030	.027	.030	.037	.047	.050	.056	.067	.073	.078	.077	.087	30.087	30.081	30.076	30.074	30.068	30.076	30.078	30.090	30.090	30.086	30.082	28
29	30.070	30.064	30.059	30.058	30.046	30.041	30.032	30.038	30.037	30.034	30.029	30.024	30.015	29.999	29.983	29.957	29.944	29.951	29.944	29.947	29.946	29.949	29.941	29.939	29
30	29.928	29.920	29.907	29.907	29.909	29.912	29.923	29.928	29.928	29.932	29.928	29.927	29.930	29.929	29.928	29.924	29.924	29.929	29.931	29.939	29.947	29.952	29.946	29.938	30
31																									31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	41.0	41.0	41.2	41.4	42.1	44.0	47.0	47.4	48.0	48.5	49.5	50.1	50.0	50.9	51.7	51.0	51.1	50.6	52.0	49.4	46.6	43.2	42.5	41.7
2	41.1	41.0	39.8	40.0	41.7	46.4	47.4	49.3	51.3	50.0	51.6	50.0	51.1	51.0	50.1	50.1	49.4	49.1	48.8	48.1	47.4	47.1	46.7	46.5
3	45.5	45.7	45.5	45.3	45.7	47.4	48.6	49.0	49.2	50.0	49.2	49.0	49.7	49.9	50.6	49.7	49.4	49.3	48.6	48.2	47.9	47.4	46.4	46.8
4	47.1	46.7	46.6	46.6	46.8	47.1	47.5	47.7	48.2	49.1	49.0	49.0	48.7	49.1	48.3	48.0	48.2	48.0	48.0	47.4	47.1	46.3	45.8	44.4
5	44.2	44.3	44.2	43.0	43.8	46.0	47.3	49.2	50.2	50.8	52.4	51.2	50.0	50.3	50.4	49.3	49.0	49.0	49.4	49.3	48.7	48.5	48.5	48.0
6	47.1	45.6	44.1	43.4	45.3	46.6	48.4	48.1	48.2	49.7	50.6	48.3	48.0	47.4	48.9	48.2	47.0	46.9	47.1	45.7	46.0	45.5	45.5	45.6
7	45.7	45.8	45.8	45.8	46.8	47.3	47.6	47.9	48.0	48.1	48.1	48.1	48.0	48.0	48.0	47.3	47.2	47.0	46.9	46.7	46.9	47.3	47.6	47.9
8	47.7	47.6	48.0	48.7	50.6	50.3	51.3	52.1	52.1	54.6	54.9	55.3	54.8	54.4	53.4	52.1	51.3	50.8	50.5	51.2	51.3	50.7	50.5	50.7
9	51.0	50.6	50.4	50.3	51.0	52.2	54.0	55.2	57.7	59.5	60.4	62.7	62.4	64.4	65.2	65.1	65.4	59.0	57.4	56.0	56.0	55.7	53.6	51.0
10	51.1	51.0	50.9	50.3	50.6	51.2	52.1	52.9	53.9	56.0	56.8	54.0	53.6	53.9	54.4	54.4	53.8	54.2	55.0	53.8	51.0	49.3	49.0	49.4
11	50.0	50.3	50.2	49.4	50.2	51.7	53.7	51.5	52.3	52.2	51.1	50.4	49.7	51.5	51.9	51.7	51.3	50.4	50.2	49.9	49.8	49.5	49.2	49.4
12	49.6	49.6	49.6	49.3	48.4	48.0	47.7	47.5	47.6	47.4	47.6	48.6	48.4	48.0	49.4	49.6	49.9	49.1	48.8	48.0	46.5	46.0	46.1	46.0
13	46.1	46.0	45.7	45.3	45.9	47.2	48.7	48.2	49.4	49.5	49.1	49.7	50.6	50.7	50.4	51.4	50.6	49.9	49.4	48.9	47.9	47.3	45.7	45.0
14	44.5	44.0	44.2	43.0	45.6	47.9	49.9	50.5	49.3	51.4	49.6	47.9	47.9	47.6	47.3	47.4	47.7	48.2	47.9	47.5	46.9	45.8	44.4	42.3
15	39.7	39.4	38.0	38.0	40.5	45.5	48.7	49.0	49.1	49.6	50.5	50.4	50.2	50.2	50.3	50.2	49.7	50.0	49.6	48.5	46.8	45.7	43.6	42.6
16	40.4	40.0	40.0	39.0	40.6	45.3	50.1	51.2	51.2	51.8	51.1	51.1	50.8	50.0	50.6	50.7	49.4	49.7	50.9	50.9	51.1	50.6	50.6	49.3
17	48.7	48.6	48.6	48.7	49.4	49.7	49.4	48.5	48.7	48.7	49.7	50.1	51.0	51.1	52.8	52.2	52.0	51.5	51.2	50.7	50.4	50.1	49.7	49.6
18	49.3	49.3	49.3	49.4	49.7	50.2	50.9	51.7	53.0	53.6	55.6	57.1	58.2	57.8	57.6	57.0	55.0	56.8	55.0	55.0	53.0	49.5	47.5	47.4
19	47.2	45.0	44.1	45.4	49.8	54.1	57.7	57.4	58.2	59.0	59.3	62.2	61.9	61.9	57.2	55.4	55.4	55.4	54.5	52.7	53.4	52.2	50.5	49.3
20	48.0	48.4	48.7	48.8	50.0	52.2	54.7	56.4	57.1	57.4	57.7	59.2	60.0	60.4	56.0	56.9	57.3	56.4	55.4	54.6	54.6	54.0	53.8	54.9
21	53.4	52.5	52.6	52.4	52.1	52.9	53.4	54.8	56.3	57.8	59.5	59.2	61.6	62.7	64.3	64.5	64.0	65.8	63.5	59.2	56.0	54.2	52.7	51.3
22	49.8	48.4	46.2	47.2	49.7	52.4	57.0	59.2	54.4	56.3	60.1	61.4	63.7	64.0	63.6	63.4	63.1	61.5	60.0	57.5	56.1	53.9	53.4	52.9
23	52.3	51.3	52.0	51.8	52.1	54.0	57.4	60.6	62.0	64.6	65.4	66.0	66.1	65.3	64.8	63.1	63.0	61.5	61.1	59.1	58.4	57.9	57.6	55.6
24	55.0	54.8	54.0	53.1	55.7	56.7	59.6	61.5	62.5	62.0	63.6	64.6	66.6	64.5	66.7	66.8	67.9	68.4	66.5	65.4	62.8	62.0	61.9	62.0
25	60.3	59.8	59.1	59.0	59.9	61.9	63.7	64.7	67.0	67.5	68.4	70.0	70.0	69.8	70.1	68.4	66.9	66.0	65.7	63.4	63.6	62.7	58.7	57.8
26	59.3	56.1	60.2	60.0	61.0	59.9	64.0	67.0	67.5	70.5	70.6	71.9	74.7	73.4	70.1	71.9	71.4	71.7	69.0	65.0	63.6	62.0	60.0	57.2
27	55.7	55.3	55.8	55.4	55.8	56.7	59.2	60.6	60.2	61.6	63.1	66.2	63.0	71.0	69.1	70.4	70.1	66.2	63.6	60.0	59.4	57.6	57.8	59.9
28	59.1	58.0	57.8	58.1	58.3	60.4	63.6	65.1	63.7	63.4	64.4	66.7	65.7	64.0	64.4	68.0	69.0	62.4	61.7	60.0	58.4	57.1	56.4	54.2
29	52.6	51.0	50.2	49.9	52.4	57.3	63.3	61.9	63.8	62.5	64.0	63.0	63.2	64.0	64.2	64.8	62.6	56.2	55.1	55.9	56.1	55.6	55.7	55.2
30	54.6	54.0	53.3	53.1	54.3	55.1	56.3	57.0	57.7	58.9	59.1	59.9	58.4	57.7	58.0	57.8	56.5	54.7	54.0	53.1	52.9	52.4	52.3	52.2
31																								

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
39.4	39.4	39.6	39.6	40.2	41.5	42.9	42.8	43.1	43.2	43.9	44.2	44.7	45.0	45.4	46.0	46.1	46.0	46.3	45.5	43.7	41.6	41.2	40.4	1
40.0	39.9	39.1	39.3	40.6	44.0	43.7	45.0	46.4	45.6	46.1	45.5	45.7	46.0	45.7	45.9	45.4	45.4	45.4	45.0	44.7	45.0	45.0	44.7	2
44.2	44.5	44.4	44.2	44.6	45.6	46.0	45.3	45.0	45.8	45.0	44.2	44.6	45.0	44.8	44.0	44.1	44.0	44.0	44.0	44.1	43.9	43.8	44.6	3
44.7	44.1	43.6	43.0	43.0	43.6	42.9	43.6	43.6	43.7	43.3	44.0	44.4	45.3	44.0	44.0	44.4	44.3	44.1	43.5	43.1	42.6	42.5	42.3	4
42.0	42.1	41.6	40.5	40.9	41.4	42.0	43.0	43.6	44.2	45.2	45.0	46.3	46.0	45.4	45.0	44.7	44.7	45.1	45.1	44.7	44.7	45.2	45.6	5
44.3	43.0	42.0	41.5	42.7	43.7	43.6	44.2	44.7	45.3	45.4	44.9	44.0	43.0	43.5	43.0	42.0	41.8	42.0	41.3	42.2	41.6	42.1	42.4	6
43.1	43.4	43.4	43.5	44.4	44.7	44.9	45.3	45.7	46.1	46.1	46.6	47.0	47.2	47.3	46.7	46.6	46.4	46.3	46.0	46.2	46.8	47.4	47.7	7
47.5	47.4	47.7	48.5	50.0	49.7	50.6	51.3	51.4	53.2	53.0	53.3	52.8	52.6	52.0	51.4	51.0	50.4	50.2	50.9	50.8	50.3	50.0	50.0	8
50.2	50.4	50.3	50.0	50.7	51.4	52.6	53.3	53.6	53.0	52.7	53.8	53.7	53.8	53.6	54.9	56.0	52.8	52.1	52.4	52.6	52.3	52.0	50.3	9
50.3	50.3	50.1	50.0	50.2	50.5	51.1	51.8	52.4	54.3	55.6	53.0	52.3	52.4	52.2	52.8	52.8	53.0	53.0	50.8	50.4	49.2	49.0	49.4	10
49.7	50.0	49.5	48.8	49.3	50.1	51.4	50.1	50.4	50.4	49.7	49.2	48.7	50.4	51.1	50.9	50.5	50.0	49.7	49.7	49.5	49.4	49.2	49.4	11
49.4	49.4	49.4	49.1	48.0	47.4	47.5	47.6	47.5	47.4	47.2	47.2	46.7	46.6	47.0	46.8	46.8	46.0	45.4	44.4	43.3	43.0	43.1	43.1	12
42.8	43.0	42.6	42.4	42.8	43.5	44.2	43.5	44.6	44.5	44.6	45.0	45.2	45.7	45.3	45.5	45.3	45.2	45.2	44.7	44.7	44.5	43.6	43.2	13
42.4	42.3	42.8	42.3	43.8	45.0	45.7	45.4	45.4	45.8	46.5	45.4	46.1	45.9	45.3	45.2	45.4	44.9	44.5	44.2	43.6	43.1	42.4	40.8	14
39.2	38.9	37.6	37.6	39.7	43.5	43.1	43.4	43.6	44.1	44.7	44.6	44.8	45.0	45.4	45.0	44.7	45.0	45.0	44.9	44.0	43.5	42.3	41.4	15
39.8	39.4	39.3	38.6	40.1	43.6	47.0	46.3	45.8	46.7	48.5	47.6	48.1	47.5	47.8	48.5	47.8	48.6	49.2	49.1	49.3	49.3	49.2	48.0	16
47.2	47.0	47.0	47.0	47.2	47.4	47.3	47.0	47.3	47.4	48.2	48.1	49.0	48.6	49.9	49.4	49.1	48.9	48.6	48.4	48.4	48.3	48.1	48.0	17
47.7	47.6	47.7	47.7	48.0	48.3	48.7	49.1	49.8	49.5	51.4	51.9	51.1	53.1	52.4	52.6	52.2	53.0	52.2	50.5	49.7	46.5	45.5	46.0	18
45.6	43.5	43.0	43.8	47.6	50.6	53.0	53.0	53.1	53.6	53.0	54.8	54.4	54.0	53.4	52.7	52.6	52.9	51.8	51.0	51.0	50.6	49.4	48.4	19
47.2	47.8	48.1	48.1	49.0	50.8	52.7	53.5	54.0	54.3	53.7	54.7	54.7	54.8	53.6	53.8	54.1	53.1	52.6	51.9	51.3	51.0	51.2	52.1	20
51.6	51.3	51.4	51.4	51.3	51.8	52.2	53.3	54.2	54.6	55.6	56.4	57.2	57.4	58.0	57.0	54.7	58.3	56.4	53.5	52.0	51.2	51.1	50.1	21
48.6	47.5	45.7	46.1	47.8	49.9	52.4	53.0	49.8	52.4	54.6	55.3	55.3	55.1	54.5	54.2	53.8	53.3	53.4	52.1	51.1	50.4	49.9	50.0	22
50.4	50.2	50.6	51.3	51.6	52.8	55.1	57.0	56.4	57.5	58.3	57.8	57.3	56.0	55.7	55.4	56.2	55.0	55.6	54.8	54.6	54.4	54.3	53.3	23
53.0	53.0	52.4	52.0	53.9	54.7	55.9	57.3	57.7	57.4	58.3	58.7	60.0	58.9	60.5	60.4	61.4	62.0	61.2	60.3	59.5	59.1	59.1	59.1	24
58.6	58.2	57.6	57.5	58.1	59.2	60.0	60.4	61.0	61.1	61.6	63.6	63.1	62.7	62.5	61.5	60.4	60.2	60.4	59.4	59.6	59.1	56.2	55.9	25
56.2	54.1	56.3	56.4	57.9	57.3	59.0	60.0	61.0	62.4	62.3	63.0	64.7	64.6	63.1	64.2	63.7	63.7	63.2	61.3	60.6	60.0	58.6	56.4	26
55.2	55.1	55.5	54.9	55.5	56.3	58.4	59.0	58.2	59.3	60.2	62.0	60.2	64.6	63.4	64.9	63.0	61.1	59.9	57.8	57.3	56.4	56.4	57.9	27
57.2	56.6	56.9	57.3	57.4	58.6	60.0	61.2	60.4	60.3	60.9	62.2	62.0	60.8	61.0	61.7	59.5	59.2	58.4	57.7	56.4	55.4	55.1	53.1	28
51.7	50.4	49.2	49.2	51.4	55.1	58.8	58.7	56.2	55.2	53.0	53.0	55.0	57.0	56.9	56.9	57.7	55.8	54.6	55.1	55.2	55.1	54.7	53.5	29
52.9	52.5	51.6	51.4	51.8	52.0	52.7	52.6	53.0	53.6	53.6	53.7	52.6	52.2	52.1	52.0	51.5	49.7	49.6	49.0	48.7	48.3	48.8	48.4	30
																								31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°.10′ N. LONG: 2°.6′ W.

HOURLY VALUES June 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	MIDT. D	MIDT. V	DAYS
1	27	9·5	27	8·5	26	11	27	15	26	14	26	17	27	21	26	20	27	20	26	22	26	21	28	17	30	17	1
2	23	5·5	23	5·5	23	5·5	23	3	23	4·5	23	4	25	8·5	25	5·5	25	6·5	7	9·5	10	10·5	11	10·5	12	11	2
3	11	3	11	3	11	4	11	4·5	11	4	11	4	5	4·5	5	5·5	5	6·6	9	7·5	8	10·5	8	10·5	8	9·5	3
4	10	2	10	4·5	10	5·5	10	5·5	10	5·5	10	4·5	10	5·5	10	5·5	10	8·6	7	9·5	7	11	7	12	6	12	4
5	30	6·5	30	4	30	6·5	30	8·5	28	6·5	28	5·5	28	6·5	28	4	28	6·5	28	4·5	28	4·5	8	9·5	10	13	5
6	26	6·5	27	6·5	27	4·5	27	7·5	26	10·5	25	12	30	11	31	13	30	9·5	2	11	30	9·5	4	11	6	17	6
7	10	3	10	4	10	6·5	10	7·5	11	9·5	12	12	12	12	12	17	12	16	13	17	12	21	12	21	11	20	7
8	9	3	4	3	4	4	6	8·5	12	15	13	13	13	16	14	16	14	9·5	16	13	14	17	16	14	14	13	8
9	13	15	16	11	15	7·5	15	9·5	15	8·5	15	11	15	11	17	11	20	14	22	19	23	19	20	18	20	12	9
10	18	4	18	2	18	3	18	4·5	18	4	18	3	18	4	18	5·5	22	5·5	22	3	22	8·5	10	7·5	10	4	10
11	4	3	4	3	4	4·5	4	4	4	4	32	4	32	4·5	9	7·5	9	7·5	10	6·5	8	12	8	9·5	8	9·5	11
12	6	32	6	30	5	27	4	32	4	34	4	36	4	32	3	32	2	29	3	27	2	27	2	24	2	26	12
13	29	10·5	29	11	30	10·5	29	11	29	12	30	12	32	16	32	17	29	16	30	16	28	16	31	12	30	15	13
14	29	8·5	29	8·5	29	8·5	29	5·5	28	10·5	27	11	27	11	29	11	2	9·5	29	8·5	4	12	6	10·5	8	4·5	14
15	3	6·6	3	7·5	32	7·5	32	8·5	32	7·5	32	4	32	3	32	4·5	5	9·5	10	6·5	10	10·5	11	9·5	11	9·5	15
16	13	4	13	5·5	13	8·5	13	8·5	13	8·5	23	6·5	23	5·5	23	5·5	5	7·5	6	10·5	6	14	6	15	6	17	16
17	27	12	27	12	27	13	28	13	28	15	28	17	28	15	28	12	28	12	28	15	27	19	27	21	27	19	17
18	26	16	26	14	26	11	26	15	26	13	26	16	26	14	26	14	26	13	26	15	26	12	28	10·5	26	10·5	18
19	30	3	30	4·5	30	5·5	30	4·5	30	2	30	3	30	2	9	6·5	11	8·5	12	13	14	13	16	15	15	11	19
20	13	4	13	3	13	3	13	3	13	5·5	13	6·5	13	8·5	13	11	13	9·5	13	13	13	16	14	18	14	16	20
21	14	16	14	11	15	10·5	14	8·5	14	10·5	14	7·5	15	9·5	15	10·5	14	15	14	13	15	15	14	15	14	17	21
22	28	3	28	2	28	6·5	28	6·5	28	4	28	2	28	4	28	5·5	10	11	10	9·5	14	15	14	19	14	20	22
23	15	6·5	11	5·5	11	3	11	6·5	11	7·5	11	4·5	11	5·5	11	7·5	16	11	15	12	14	20	14	18	14	19	23
24	17	3	17	2	17	3	17	3	17	5·5	17	5·5	15	12	16	6·5	15	14	15	12	16	16	15	14	14	19	24
25	16	7·5	18	8·5	18	7·5	18	5·5	17	9·5	17	9·5	18	11	17	10·5	17	14	16	15	16	14	14	14	14	18	25
26	17	4·5	16	4	17	7·5	17	6·5	16	4·5	16	6·5	15	8·5	18	15	15	13	16	16	16	17	15	16	14	18	26
27	16	3	16	3	16	2	16	2	16	2	16	2	16	3	16	5·5	9	7·5	8	9·5	10	9·5	12	14	8	9·5	27
28	12	5·5	12	5·5	12	7·5	12	6·5	12	6·5	12	5·5	12	9·5	14	11	11	8·5	9	10·5	11	11	12	13	12	12	28
29	12	4·5	12	4	12	6·5	12	6·5	12	4	12	6·5	12	4	12	7·5	6	6·5	6	11	5	11	5	15	6	14	29
30	30	9·5	29	9·5	29	8·5	29	10·5	29	10·5	30	15	30	14	28	17	32	16	30	14	30	18	30	15	31	20	30
31																											31

RAINFALL — GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.015	.025	.060	.060	.015	.035	.040	.035	.010	.035	.020		7
8	.015	.005	.	.165	.040	.035	.005	.	.	.	.	.	.	.	.	.035	.015	.010	.140	.015	.020	.045	.065		8
9	.025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		9
10	.	.	.	.	.	.010	.010	.040	.035	.025	.	.	.	.	.	.005	.	.	.	.	.	.	.		10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.040	.060	.050	.030	.030	.055	.045		11
12	.015	.015	.025	.	.	.	.005	.010	.025	.040	.050	.005	.005	.005	.	.	.	.	.	.	.	.	.		12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		13
14	.	.	.	.	.	.	.	.	.	.	.	.	.030	.010	.015	.	.	.	.	.	.	.	.		14
15	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.010	.020	.040	.055	.030	.015	.015	.	.005	.	.	.	.	.	.	.	.		17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		20
21	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	21
22	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		30
31																									31
	.135	.025	.030	.025	.055	.040	.045	.030	.080	.100	.120	.050	.020	.050	.030	.045	.060	.100	.070	.105	.230	.050	.060	.135	.135
	11	3	4	1	1	1	2	4	4	3	3	2	2	3	3	3	1	3	3	3	3	3	3	4	

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.230	.223	.225	.223	.228	.234	.231	.225	.226	.228	.229	.229	.239	.237	.242	.255	.256	.259	.252	.262	.252	.245	.244	.236	1
2	.234	.233	.236	.232	.240	.260	.243	.252	.260	.257	.262	.255	.248	.255	.258	.262	.259	.262	.265	.262	.264	.274	.279	.274	2
3	.279	.279	.280	.277	.282	.284	.280	.261	.253	.261	.253	.239	.240	.246	.236	.229	.233	.232	.238	.241	.246	.247	.256	.268	3
4	.257	.259	.260	.237	.235	.244	.227	.238	.234	.229	.222	.235	.245	.260	.240	.243	.249	.249	.245	.239	.234	.233	.237	.246	4
5	.242	.241	.234	.226	.224	.214	.212	.215	.217	.224	.228	.234	.271	.262	.249	.252	.249	.249	.253	.254	.251	.253	.263	.276	5
6	.249	.248	.243	.241	.241	.252	.232	.246	.255	.254	.248	.259	.243	.229	.227	.223	.214	.212	.213	.214	.229	.222	.231	.236	6
7	.249	.264	.254	.257	.264	.265	.266	.271	.278	.286	.286	.298	.309	.314	.317	.312	.310	.308	.307	.302	.304	.314	.325	.328	7
8	.326	.325	.327	.339	.353	.349	.360	.368	.371	.386	.376	.380	.372	.372	.368	.371	.370	.360	.360	.368	.365	.360	.355	.352	8
9	.363	.363	.364	.367	.366	.370	.377	.381	.360	.326	.310	.317	.312	.299	.290	.317	.338	.326	.325	.350	.355	.351	.366	.356	9
10	.356	.356	.352	.357	.358	.358	.363	.370	.372	.399	.425	.388	.374	.372	.361	.375	.385	.385	.375	.332	.358	.349	.348	.353	10
11	.357	.357	.346	.337	.340	.342	.348	.345	.341	.342	.340	.336	.331	.352	.365	.362	.357	.356	.351	.354	.351	.352	.350	.353	11
12	.351	.351	.351	.347	.330	.319	.326	.329	.328	.327	.320	.307	.298	.299	.293	.287	.283	.276	.265	.261	.245	.244	.245	.246	12
13	.244	.244	.239	.239	.241	.241	.241	.232	.243	.241	.246	.248	.244	.262	.247	.242	.246	.250	.255	.250	.258	.261	.260	.257	13
14	.260	.260	.260	.262	.265	.264	.260	.249	.260	.247	.280	.273	.288	.288	.278	.278	.276	.259	.260	.252	.246	.248	.248	.258	14
15	.234	.231	.226	.220	.235	.260	.221	.224	.227	.232	.235	.234	.239	.243	.250	.243	.242	.248	.249	.257	.256	.258	.255	.247	15
16	.236	.234	.232	.230	.242	.263	.285	.259	.249	.262	.310	.289	.303	.298	.298	.314	.312	.328	.329	.327	.330	.335	.332	.318	16
17	.306	.302	.302	.301	.302	.299	.300	.304	.309	.311	.318	.311	.323	.312	.323	.318	.313	.315	.311	.312	.315	.316	.316	.314	17
18	.311	.308	.311	.310	.313	.315	.317	.317	.317	.304	.330	.324	.296	.347	.332	.341	.354	.354	.354	.314	.315	.282	.281	.293	18
19	.260	.264	.264	.267	.302	.323	.345	.347	.342	.344	.327	.340	.334	.324	.359	.363	.361	.368	.350	.351	.342	.348	.339	.329	19
20	.326	.326	.329	.328	.334	.353	.371	.372	.376	.381	.363	.370	.362	.360	.381	.373	.377	.362	.361	.351	.336	.334	.342	.353	20
21	.362	.362	.364	.366	.368	.370	.374	.386	.393	.385	.391	.416	.411	.402	.399	.371	.321	.390	.366	.340	.340	.337	.354	.347	21
22	.317	.317	.301	.298	.308	.328	.337	.328	.363	.346	.368	.362	.336	.330	.321	.315	.309	.313	.330	.325	.318	.321	.315	.323	22
23	.349	.349	.351	.372	.376	.382	.403	.415	.383	.383	.395	.375	.362	.339	.333	.346	.366	.352	.372	.374	.378	.378	.379	.377	23
24	.377	.377	.371	.377	.392	.401	.397	.413	.413	.410	.416	.415	.428	.422	.442	.438	.454	.465	.466	.451	.462	.459	.460	.459	24
25	.462	.462	.454	.445	.445	.463	.465	.463	.453	.460	.451	.495	.479	.469	.460	.462	.437	.440	.450	.450	.464	.450	.417	.421	25
26	.403	.403	.401	.406	.436	.433	.431	.424	.447	.463	.448	.455	.474	.486	.478	.490	.481	.477	.492	.488	.485	.487	.472	.443	26
27	.432	.432	.437	.424	.437	.448	.477	.476	.456	.471	.479	.493	.480	.512	.497	.432	.475	.465	.463	.447	.440	.438	.436	.461	27
28	.449	.449	.450	.459	.458	.466	.466	.483	.477	.478	.483	.493	.500	.486	.486	.461	.390	.457	.443	.444	.427	.416	.446	.388	28
29	.338	.338	.337	.340	.366	.404	.433	.448	.364	.347	.286	.292	.335	.376	.372	.366	.411	.440	.420	.423	.424	.428	.415	.387	29
30	.374	.374	.359	.357	.352	.349	.356	.341	.345	.345	.343	.338	.328	.326	.320	.320	.323	.297	.301	.298	.293	.290	.302	.294	30
31																									31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

BAROMETER.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	29·747	29·741	29·742	29·737	29·742	29·749	29·757	29·763	29·769	29·771	29·780	29·783	29·775	29·771	29·761	29·751	29·757	29·759	29·755	29·751	29·755	29·748	29·749	29·752
2	·745	·741	·728	·711	·711	·717	·717	·721	·721	·721	·721	·715	·715	·713	·712	·711	·705	·711	·708	·711	·721	·729	·731	·735
3	·721	·717	·713	·713	·721	·725	·739	·743	·751	·749	·755	·759	·755	·743	·727	·715	·698	·693	·678	·661	·653	·633	·621	·585
4	·568	·557	·557	·553	·555	·559	·568	·578	·589	·611	·617	·630	·643	·653	·661	·669	·681	·697	·709	·728	29·755	29·765	29·771	29·771
5	29·778	29·785	29·791	29·797	29·817	29·833	29·853	29·865	29·877	29·888	29·907	29·920	29·929	29·936	29·946	29·951	29·954	29·966	29·974	29·989	30·008	30·012	30·018	30·014
6	30·012	30·012	30·017	30·022	30·026	30·036	30·042	30·049	30·049	30·054	30·054	30·052	30·050	30·050	30·042	30·046	30·045	30·043	30·038	30·030	30·025	30·016	30·002	29·986
7	29·974	29·964	29·950	29·927	29·922	29·920	29·907	29·898	29·890	29·883	29·861	29·845	29·833	29·813	29·795	29·770	29·743	29·719	29·703	29·688	29·685	29·669	29·648	·625
8	·595	·575	·543	·525	·491	·483	·469	·469	·457	·449	·431	·423	·417	·405	·385	·369	·363	·369	·387	·397	·421	·427	·421	·415
9	·399	·365	·339	·329	·317	·313	·307	·305	·297	·295	·305	·305	·305	·313	·329	·344	·365	·395	·411	·431	·461	·481	·494	·505
10	·511	·516	·518	·523	·529	·543	·559	·583	·594	·594	·608	·614	·620	·620	·614	·602	·594	·587	·580	·554	·529	·490	·448	·404
11	·349	·309	·270	·254	·224	·209	·206	·188	·172	·145	·143	·146	·164	·211	·246	·291	·311	·334	·351	·356	·371	·375	·375	·375
12	·366	·359	·349	·343	·344	·347	·365	·389	·405	·431	·451	·473	·502	·521	·545	·567	·591	·609	·621	·629	·644	·650	·655	·651
13	·647	·642	·637	·623	·619	·623	·623	·624	·624	·623	·623	·617	·613	·605	·600	·585	·583	·583	·585	·593	·605	·607	·603	·601
14	·595	·595	·595	·599	·609	·621	·633	·641	·649	·659	·668	·671	·686	·692	·692	·687	·677	·682	·686	·692	·699	·701	·701	·689
15	·681	·672	·662	·658	·658	·664	·664	·658	·652	·650	·657	·641	·630	·621	·617	·615	·609	·607	·603	·607	·615	·617	·617	·613
16	·615	·611	·607	·615	·621	·631	·643	·651	·651	·657	·661	·661	·659	·667	·667	·661	·655	·651	·655	·661	·659	·651	·652	·647
17	·639	·627	·613	·613	·621	·632	·638	·649	·661	·663	·668	·671	·677	·675	·677	·677	·675	·680	·693	·703	·711	·713	·709	·703
18	·700	·695	·679	·681	·697	·701	·702	·711	·716	·721	·721	·722	·718	·716	·716	·722	·724	·731	·741	·748	·756	·762	·764	·764
19	·766	·762	·756	·759	·762	·781	·796	·804	·808	·818	·833	·840	·840	·853	·853	·858	·862	·868	·875	·881	·883	·883	·888	·893
20	·878	·868	·854	·852	·854	·850	·848	·854	·854	·856	·855	·857	·851	·845	·841	·841	·834	·832	·835	·837	·845	·849	·849	·852
21	·849	·845	·839	·837	·837	·847	·855	·865	·873	·881	·889	·903	·911	·911	·921	·928	·926	·922	·934	·941	·958	·966	·972	·976
22	·976	·962	·956	·956	·956	·968	·981	·976	·972	·974	·982	·980	·970	·959	·959	·949	·942	·932	·932	·937	·944	·932	·927	·917
23	·905	·892	·881	·881	·877	·879	·879	·882	·882	·879	·875	·877	·873	·873	·868	·867	·858	·853	·859	·863	·863	·869	·869	·865
24	·865	·867	·869	·871	·869	·875	·883	·898	·908	·913	·914	·916	·918	·927	·925	·922	·922	·929	·932	·939	·949	·954	·952	·948
25	·934	·936	·934	·934	·939	·946	·957	·968	·970	·974	·976	·971	·971	·967	·973	·961	·949	·945	·945	·951	·957	·953	·946	·929
26	·921	·913	·907	·898	·899	·913	·921	·924	·926	·935	·929	·923	·921	·917	·903	·897	·883	·881	·883	·883	·886	·881	·876	·864
27	·847	·829	·811	·807	·797	·799	·799	·791	·776	·773	·766	·751	·732	·729	·709	·710	·694	·679	·662	·666	·654	·641	·628	·611
28	·604	·604	·604	·601	·634	·644	·660	·679	·679	·700	·705	·723	·715	·703	·702	·697	·692	·697	·684	·673	·674	·677	·669	·659
29	·642	·642	·639	·630	·615	·619	·623	·627	·610	·613	·601	·605	·608	·597	·586	·586	·577	·577	·579	·579	·581	·595	·597	·605
30	29·605	29·599	29·596	29·596	29·603	29·628	29·636	29·651	29·659	29·678	29·687	29·701	29·715	29·719	29·715	29·715	29·713	29·713	29·715	29·719	29·731	29·739	29·741	29·738
31																								

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1	52·0	51·5	50·7	50·7	49·8	49·9	53·0	56·8	60·6	60·0	60·7	60·6	61·4	60·3	60·0	59·6	59·4	58·3	57·0	56·0	55·6	55·1	54·5	54·2
2	54·0	53·7	53·5	53·4	53·2	53·1	53·4	53·7	54·6	55·1	56·0	56·9	58·4	59·4	58·0	60·4	60·1	59·2	58·2	56·4	55·4	53·9	53·0	53·3
3	53·5	54·9	54·0	53·8	53·9	54·9	56·7	55·9	57·0	58·6	59·1	59·4	60·3	60·8	60·0	59·1	58·5	57·7	56·9	56·1	55·9	55·6	55·5	55·4
4	55·9	56·0	55·4	54·5	55·0	55·3	56·7	57·5	58·9	59·0	60·3	60·8	61·4	59·7	61·3	59·4	58·9	58·8	57·8	56·9	56·2	55·4	55·5	55·2
5	55·0	55·1	55·1	55·1	55·2	55·6	55·9	57·0	59·6	60·5	61·9	61·2	62·8	62·4	61·7	61·8	61·6	60·7	59·0	57·3	55·7	55·4	54·9	55·0
6	55·0	53·0	53·7	54·0	54·5	55·3	56·7	58·6	58·0	59·6	60·9	63·1	63·5	63·1	60·7	60·0	59·8	59·0	58·0	57·6	57·3	56·9	56·1	56·0
7	55·8	55·8	55·7	55·6	55·9	56·0	57·7	58·2	58·5	59·9	60·6	60·7	61·4	63·0	62·0	62·2	62·0	61·1	59·8	59·0	57·9	57·7	57·8	57·0
8	56·6	56·5	57·2	57·0	57·0	57·3	57·7	57·2	57·9	58·4	58·8	58·7	58·8	56·6	58·0	57·7	59·7	59·0	58·0	57·6	56·6	56·1	55·8	55·8
9	55·8	55·6	55·8	55·8	53·8	55·1	57·0	57·6	58·0	57·4	57·7	57·3	57·5	58·6	58·5	58·5	56·8	57·0	55·7	53·5	53·5	53·5	51·4	51·2
10	52·1	52·7	51·4	51·7	52·3	52·9	55·6	53·9	54·5	59·2	59·0	59·1	60·5	60·3	59·7	59·4	58·7	58·3	57·6	56·4	55·9	55·6	55·2	55·0
11	54·6	54·9	55·2	56·0	55·5	56·1	56·1	57·9	57·5	57·9	60·5	59·5	59·0	56·7	57·6	58·0	57·6	56·3	55·8	54·6	52·9	53·0	52·7	52·6
12	53·1	52·8	53·8	53·4	53·3	53·4	55·0	57·0	57·4	56·7	58·4	58·9	59·0	60·5	58·5	60·0	59·8	58·2	56·7	55·2	54·1	53·0	52·7	52·5
13	52·0	51·5	50·8	51·1	51·8	52·2	54·0	52·4	54·5	56·1	57·4	57·2	58·2	57·8	57·9	56·7	56·5	56·2	55·6	55·1	55·0	54·7	54·7	54·2
14	54·0	53·8	53·5	53·4	53·2	53·5	55·2	56·4	56·1	57·3	59·6	59·8	59·2	56·6	56·0	57·0	58·0	59·9	58·0	56·6	55·8	55·0	54·9	54·4
15	53·9	53·9	53·8	53·5	53·8	54·5	55·3	56·6	56·6	57·7	57·9	59·9	59·5	62·1	61·7	60·5	58·5	57·8	55·4	55·8	55·3	54·5	53·9	54·3
16	54·8	54·8	53·8	53·3	52·7	54·0	57·5	58·3	60·6	59·8	61·2	61·4	61·8	61·2	61·9	59·2	59·0	58·5	57·6	56·0	55·8	54·6	54·9	54·5
17	54·9	54·8	54·0	52·5	52·8	54·8	58·0	58·2	61·2	61·0	61·3	62·3	61·7	61·9	60·6	60·4	59·9	59·0	57·4	55·8	54·0	53·0	53·3	53·2
18	53·0	51·7	51·3	51·0	52·4	53·4	56·8	59·5	59·4	61·0	60·5	60·9	60·3	60·6	61·4	60·7	60·7	59·4	57·8	56·7	54·4	54·2	53·3	53·4
19	53·2	52·9	51·9	51·4	52·7	53·7	57·6	58·6	59·8	60·4	59·5	60·3	60·9	62·7	61·2	61·0	60·9	59·9	58·4	56·3	53·7	52·5	53·1	53·0
20	53·0	51·9	52·6	52·5	52·0	54·4	56·8	58·9	59·6	59·8	61·2	61·1	61·7	61·7	62·5	62·0	61·6	60·0	60·0	58·0	57·1	57·2	57·2	56·7
21	57·0	57·0	56·4	56·4	56·7	57·1	58·1	59·4	63·0	63·7	64·2	64·8	67·1	67·8	66·1	64·9	66·0	65·1	63·3	61·6	60·7	60·5	60·0	59·4
22	59·7	59·0	58·6	58·6	58·5	59·7	61·3	62·5	63·6	63·7	64·6	65·2	65·6	66·4	65·2	64·5	64·6	64·5	64·6	63·6	61·0	59·7	59·0	58·9
23	58·5	58·0	57·0	56·7	56·7	58·0	63·3	65·0	65·0	65·0	66·5	67·2	67·0	66·5	67·0	68·8	69·0	68·1	66·2	63·4	60·6	59·9	59·0	58·7
24	58·0	57·7	58·1	58·3	59·0	59·5	60·8	61·3	61·2	62·7	64·0	65·2	65·6	64·1	66·0	65·0	66·0	64·3	62·8	61·5	60·5	60·4	60·0	59·5
25	59·3	59·0	59·2	59·0	59·2	59·5	63·0	63·9	65·9	65·9	65·7	66·4	66·4	66·4	65·9	65·9	66·0	65·6	65·0	64·1	63·3	62·9	62·5	62·1
26	62·0	61·7	61·5	60·6	61·2	62·3	64·9	67·0	68·0	68·0	68·8	68·4	69·6	71·1	70·3	69·4	70·8	69·0	68·0	67·2	67·3	67·5	67·7	66·3
27	65·7	65·3	65·3	64·9	65·3	66·2	68·2	70·4	71·6	71·8	71·6	71·5	71·5	71·2	70·3	70·3	69·5	68·0	67·0	67·2	66·5	66·5	65·7	65·7
28	65·3	61·6	61·4	58·6	58·6	58·7	59·2	60·6	61·8	62·9	65·0	66·2	65·7	65·7	65·8	62·3	61·5	58·0	58·1	57·4	57·3	53·4	55·0	53·7
29	52·6	53·7	54·5	54·9	55·8	56·4	57·6	58·6	59·4	59·9	62·5	65·3	63·4	63·7	63·7	62·6	61·3	59·0	58·4	58·0	58·0	58·4	58·4	58·3
30	58·4	58·0	57·9	57·6	57·0	57·7	58·6	58·7	59·7	59·7	59·1	59·7	57·1	56·7	62·0	62·3	63·0	62·8	61·5	59·2	57·3	56·5	55·9	55·0
31																								

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	50·7	50·2	49·6	49·7	49·0	49·4	51·7	54·1	55·3	55·0	55·5	54·4	55·5	56·1	56·0	55·1	55·0	54·7	54·0	53·5	53·2	53·5	53·3	53·1
2	53·3	53·0	52·7	52·4	52·0	51·9	52·4	52·7	53·7	54·2	55·0	55·5	56·4	56·4	56·0	56·7	56·3	56·0	55·8	55·0	54·2	52·7	52·3	52·6
3	53·0	53·7	53·4	53·1	53·3	54·0	54·7	54·7	56·0	56·4	57·0	56·9	57·6	57·5	57·2	56·9	56·0	55·7	54·9	54·9	54·9	54·6	54·7	54·9
4	55·4	54·8	53·7	52·3	52·9	53·5	54·8	55·0	55·8	56·0	56·7	57·6	57·0	56·4	57·8	56·8	56·1	55·5	55·0	54·1	54·5	53·6	53·8	53·7
5	53·9	53·8	53·9	53·5	53·6	54·1	54·3	55·2	56·0	56·6	57·2	57·0	*	56·9	56·2	56·1	56·1	55·4	54·7	54·2	53·6	53·2	53·7	53·7
6	53·9	51·8	52·5	52·6	53·4	54·1	55·1	56·0	56·1	56·2	55·9	56·7	56·9	56·3	57·0	57·0	57·3	56·8	56·5	56·2	55·9	55·6	55·0	54·9
7	54·9	55·0	54·9	54·9	55·0	54·9	55·4	55·5	55·6	57·0	57·4	57·5	58·3	59·0	58·7	59·0	58·5	57·4	56·7	56·3	56·1	56·0	55·7	55·4
8	56·2	54·9	55·1	55·5	55·7	55·9	56·5	56·4	56·9	57·1	57·5	57·0	56·0	54·6	56·2	56·5	57·4	57·3	56·1	56·0	54·9	54·7	54·2	54·8
9	54·9	54·9	55·0	55·0	52·7	54·6	55·6	55·7	55·7	55·0	55·0	55·0	55·0	55·4	55·0	54·9	55·0	53·4	53·0	51·4	51·3	51·4	49·2	48·7
10	49·9	50·5	49·4	48·7	50·1	50·2	51·7	51·3	51·3	54·0	54·3	53·5	54·9	54·8	55·0	54·9	55·0	54·9	55·0	54·6	54·5	54·6	54·4	54·2
11	53·7	54·3	54·5	55·0	54·5	54·5	54·4	54·7	54·9	54·9	55·9	56·7	55·6	53·2	53·0	52·7	52·9	51·0	50·6	50·4	49·9	49·9	49·6	49·5
12	49·9	50·0	51·3	51·7	52·0	52·1	53·0	53·0	54·3	53·3	54·2	53·7	53·5	54·9	53·9	54·8	54·2	52·4	53·0	52·2	52·0	51·2	51·2	51·1
13	50·9	50·3	50·0	50·2	51·0	51·4	53·0	51·0	53·4	54·5	55·0	55·2	56·0	55·1	55·6	54·1	53·8	54·4	54·0	53·6	53·4	53·3	53·8	53·2
14	53·0	52·6	52·1	51·8	51·4	51·7	52·0	51·7	52·9	53·9	55·0	55·8	55·6	54·7	55·0	55·6	56·0	56·7	55·7	54·9	54·2	53·2	53·2	53·1
15	52·7	52·2	52·4	52·3	52·8	53·3	54·1	54·8	54·8	55·7	54·1	54·5	56·2	56·4	56·1	56·0	55·8	55·0	53·9	54·3	54·1	53·0	52·9	53·1
16	53·7	53·3	52·5	52·0	51·6	52·8	55·0	55·3	56·0	55·4	57·0	57·0	56·6	56·1	57·1	55·7	55·7	55·3	54·9	53·8	53·0	52·7	53·6	53·3
17	53·7	53·3	53·0	51·6	51·9	53·3	54·8	54·5	56·0	55·0	56·0	56·2	56·1	56·5	55·5	55·6	55·2	54·7	54·0	52·9	52·0	51·3	51·3	51·1
18	50·9	49·9	49·4	49·4	50·0	50·6	52·5	52·3	53·0	54·3	53·5	53·6	53·6	54·0	54·0	53·5	53·8	53·0	53·4	52·6	51·4	51·6	51·5	51·9
19	51·7	51·3	50·3	49·9	51·0	52·1	54·2	54·3	55·0	55·0	54·5	55·5	55·2	55·6	54·4	54·5	54·8	54·2	53·1	52·4	51·3	50·2	50·9	50·8
20	51·0	50·4	50·9	50·9	50·7	52·5	53·9	54·8	55·5	55·5	56·6	57·0	56·8	56·5	57·6	57·3	57·3	55·9	56·3	55·5	55·1	55·2	55·4	55·2
21	55·3	55·3	55·3	55·3	55·5	55·8	56·6	57·1	59·0	59·5	60·3	59·7	60·0	60·3	60·0	59·8	60·1	59·6	59·5	58·7	58·6	58·4	58·2	58·0
22	58·0	57·5	57·4	57·4	57·2	58·0	59·0	59·5	60·0	60·1	60·3	58·2	60·5	58·4	59·3	58·5	58·2	56·7	57·3	57·3	58·4	57·6	56·7	56·4
23	56·1	55·6	55·1	54·6	54·6	55·5	58·9	60·0	60·3	60·8	62·2	62·0	61·9	61·9	62·1	61·6	61·9	59·8	60·0	58·9	57·4	56·4	56·0	55·0
24	56·2	56·4	56·9	56·9	57·4	58·0	58·4	59·0	59·0	59·6	60·5	61·1	61·7	60·9	62·2	61·4	60·0	59·2	59·0	58·4	58·3	58·1	58·3	58·2
25	58·0	57·9	58·1	58·0	58·3	58·4	60·5	61·1	62·5	61·9	61·6	61·9	61·9	61·6	62·2	62·1	62·0	61·8	61·7	61·4	61·2	61·2	61·1	60·7
26	60·1	59·4	59·7	59·1	60·2	61·3	63·0	63·8	64·5	64·8	64·9	64·6	65·0	65·7	65·4	65·0	66·0	65·3	65·0	64·6	64·5	64·1	63·8	63·5
27	63·5	63·4	63·3	63·0	63·4	64·0	65·0	66·1	66·7	67·0	66·4	65·7	65·4	*	64·7	65·0	64·4	64·1	63·6	63·5	63·4	63·3	63·6	63·6
28	63·9	60·8	60·3	57·0	56·9	56·7	57·0	57·7	57·5	57·3	57·1	58·3	58·0	58·0	58·1	56·3	56·7	55·6	55·0	54·4	55·0	53·0	54·0	52·4
29	50·6	51·4	51·8	52·3	52·4	52·5	53·9	55·1	55·8	56·1	59·0	60·4	60·0	60·3	60·1	58·7	58·0	57·3	56·6	56·6	56·9	57·3	57·3	57·4
30	57·4	56·5	56·4	55·6	54·7	55·5	56·2	55·7	56·7	56·4	56·6	56·7	55·2	54·3	57·3	57·4	57·1	57·5	56·6	55·4	54·3	53·9	53·4	53·2
31																								

* *Record defective or Instrument out of action.* † *Reading of Standard.*

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT. Secretary.

FALMOUTH OBSERVATORY LAT: 50°9′ N. LONG: 5°4′ W. HOURLY VALUES June 1878.

WIND

DIRECTION IN NUMBERS (8-E 24-W, 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	30	13	30	8.5	30	7.5	30	6.5	30	8.5	30	6.5	30	5.5	30	4	31	5.5	31	5.5	31	8.5	12	8.5
2	8	13	8	15	8	15	8	19	9	17	9	13	9	16	10	14	10	12	10	9.5	10	7.5	10	6.5
3	21	2	21	4	21	2	21	4	21	3	21	4	21	4.5	20	5.5	18	8.5	16	8.5	13	12	14	13
4	17	23	19	23	20	25	20	23	20	25	20	25	21	27	21	29	21	31	22	30	21	32	22	31
5	25	14	25	14	25	12	25	12	25	13	25	9.5	25	11	23	12	24	15	25	16	25	19	26	17
6	27	2	27	9.5	27	8.5	27	4.5	27	4	27	3	27	4.5	27	4.5	27	6.5	21	13	20	20	20	16
7	16	8.5	16	12	16	11	16	9.5	16	10.5	16	8.5	15	11	13	12	13	14	13	11	13	14	14	14
8	14	7.5	14	6.5	14	10.5	14	7.5	14	8.5	15	12	15	9.5	14	11	15	10.5	15	14	15	17	15	15
9	17	16	17	15	16	20	17	19	18	14	19	19	19	16	19	17	18	16	19	18	19	24	19	19
10	23	17	22	22	22	20	22	20	22	20	22	19	22	25	23	20	24	19	20	26	20	28	21	29
11	15	35	16	37	16	34	17	29	17	29	17	34	17	30	18	33	17	36	17	36	18	45	19	34
12	20	29	20	30	20	29	21	28	21	25	21	27	23	19	23	26	24	25	25	28	25	37	25	34
13	23	14	23	9.5	23	6.5	23	6.5	23	5.5	23	3	23	4.5	21	4	21	4	17	4.5	14	12	12	11
14	7	8.5	7	8.5	7	7.5	7	5.5	7	6.5	1	6.5	1	6.5	3	9.5	5	11	6	8.5	7	8.5	10	8.5
15	20	4.5	20	5.5	20	4	20	4	20	3	20	2	20	2	20	4	15	6.5	15	6.5	2	9.5	8	8.5
16	19	4	24	6.5	25	7.5	25	6.5	25	2	25	2	25	2	25	6.5	29	11	29	14	27	19	26	16
17	27	9.5	27	11	28	10.5	28	7.5	28	7.5	29	7.5	32	10.5	32	10.5	31	13	31	13	30	15	30	14
18	28	11	28	13	28	10.5	28	7.5	28	7.5	28	4	28	4.5	27	7.5	27	7.5	27	5.5	26	10.5	27	5.5
19	24	8.5	24	8.5	24	9.5	24	9.5	24	6.5	24	8.5	27	10.5	27	12	27	14	28	14	29	16	29	15
20	27	1.5	27	1.5	27	2	27	2	27	3	27	4.5	17	11	16	13	16	16	16	18	15	20	15	18
21	18	13	17	12	17	10.5	17	10.5	17	10.5	17	11	16	11	16	10.5	16	14	15	14	14	14	18	12
22	23	2	23	2	23	2	23	2	23	1.5	23	2	23	3	13	7.5	13	8.5	11	7.5	11	7.5	11	8.5
23	13	4.5	13	4	13	4.5	13	4.5	13	5.5	13	4	13	1.5	13	3	13	3	13	4.5	13	6.5	13	6.5
24	22	6.5	22	6.5	23	6.5	24	7.5	23	5.5	23	4.5	23	4	22	4.5	17	6.5	12	9.5	12	12	14	13
25	20	3	20	3	20	1.5	20	2	20	2	20	3	14	4.5	14	8.5	14	11	14	10.5	14	10.5	11	10.5
26	12	4.5	12	4.5	12	4	12	4.5	12	5.5	12	4.5	12	6.5	12	6.5	12	6.5	12	8.5	11	7.5	11	8.5
27	8	5.5	8	5.5	8	6.5	8	5.5	8	6.5	8	8.5	8	7.5	10	10.5	11	10.5	10	10.5	11	19	10	22
28	17	10.5	21	24	21	21	25	22	26	17	26	15	26	15	26	16	26	15	26	15	27	16	28	13
29	27	22	27	23	27	23	28	24	28	24	28	24	28	23	27	21	27	22	29	21	28	22	27	17
30	26	13	26	15	26	14	26	15	26	16	26	13	26	13	26	13	26	14	25	12	23	13	24	14
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	12	8.5	14	8.5	11	8.5	11	7.5	11	7.5	11	7.5	11	7.5	9	8.5	9	10.5	9	13	9	14	9	13
2	10	6.5	11	9.5	13	9.5	20	10.5	21	9.5	21	10.5	21	6.5	21	6.5	21	4.5	21	7.5	21	5.5	21	4
3	14	14	14	10.5	13	11	12	11	12	12	12	15	13	15	13	15	14	13	15	12	15	15	15	18
4	22	29	22	27	22	26	22	23	22	20	23	19	23	16	23	16	23	15	24	15	23	12	23	13
5	26	17	25	19	26	19	26	15	26	12	27	12	27	9.5	27	6.5	27	4.5	27	3	27	6.5	27	5.5
6	18	14	20	12	16	14	16	13	16	10.5	16	10.5	16	8.5	16	6.5	16	8.5	16	8.5	16	7.5	16	7.5
7	14	8.5	14	11	15	9.5	15	10.5	15	11	14	20	14	19	14	11	14	6.5	14	8.5	14	7.5	14	7.5
8	17	20	18	20	17	14	16	20	19	23	20	23	22	17	21	18	21	18	20	15	20	14	18	13
9	20	24	21	25	22	22	22	22	24	24	24	22	23	20	24	20	23	18	23	16	23	15	23	14
10	21	30	20	26	20	26	19	24	20	24	18	19	18	17	16	18	16	22	15	27	15	31	15	37
11	21	40	23	33	23	33	23	33	22	28	22	24	21	21	21	23	22	21	21	21	21	24	21	23
12	26	31	25	33	25	31	25	32	24	28	24	25	23	17	24	20	24	16	24	10.5	23	11	23	17
13	12	13	12	13	12	12	12	12	12	11	11	11	11	8.5	11	9.5	11	6.5	9	7.5	8	11	7	10.5
14	12	4	12	2	12	4.5	14	6.5	14	5.5	19	8.5	20	9.5	20	6.5	20	4	20	4.5	20	4	20	2
15	14	13	19	14	20	15	20	9.5	15	10.5	19	11	19	6.5	19	4	19	3	19	5.5	19	6.5	19	4
16	26	19	27	17	27	17	26	17	27	19	27	15	27	15	26	14	26	15	26	13	27	8.5	27	5.5
17	29	18	30	18	30	20	30	21	30	20	29	21	30	18	30	14	29	11	28	14	28	15	28	12
18	26	11	27	13	26	15	26	13	26	15	27	12	26	10.5	26	7.5	26	8.5	26	9.5	26	9.5	24	9.5
19	28	16	27	14	29	14	27	14	28	11	27	9.5	27	8.5	27	5.5	27	5.5	27	6.5	27	5.5	27	3
20	15	18	16	19	16	19	15	17	15	18	16	17	17	15	17	12	17	10.5	17	12	17	13	18	14
21	19	14	16	11	18	9.5	21	9.5	15	7.5	22	8.5	23	6.5	23	6.5	23	3	23	3	23	2	23	4
22	11	8.5	13	8.5	13	6.5	13	6.5	13	4.5	13	3	13	1.5	13	3	13	7.5	13	6.5	13	6.5	13	4.5
23	15	9.5	15	7.5	15	5.5	3	4	26	5.5	26	5.5	27	9.5	28	7.5	28	4.5	28	4	28	3	28	4.5
24	15	12	14	12	15	13	17	10.5	20	9.5	20	6.5	20	8.5	20	8.5	20	3	20	2	20	3	20	3
25	11	10.5	11	9.5	13	8.5	11	8.5	11	7.5	11	5.5	11	6.5	12	5.5	12	4	12	4	12	4	12	5.5
26	11	7.5	12	7.5	12	7.5	12	5.5	12	5.5	9	8.5	9	5.5	9	5.5	9	4	9	4.5	7	7.5	7	7.5
27	10	24	10	24	10	21	10	15	10	11	9	13	9	10.5	9	6.5	9	6.5	8	7.5	8	5.5	12	8.5
28	27	16	27	14	27	13	28	15	28	15	28	15	28	17	28	19	29	19	28	19	27	20	27	23
29	28	15	27	13	26	19	26	23	26	22	27	22	27	20	27	18	27	19	27	14	27	13	28	9.5
30	23	11	23	9.5	26	6.5	24	7.5	26	5.5	20	6.5	20	5.5	20	7.5	20	6.5	20	2	20	3	20	3
31																								

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 167 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010
2	.010	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.045	.070
4	.070	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.005	.	.
5	.040	.	.	.	.	.005	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.010	.	.	.	.030	.015	.005	.	.	.	.	.	.	.	.
9	.	.030	.	.170	.100	.050	.015	.	.	.005	.	.	.055	.010	.015	.	.090	.	.	.030	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015	.085	.080
11	.110	.110	.200	.020	.	.020	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.005	.	.	.
12	.	.	.005	.005	.050	.020	.010	.	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.440	.030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.075	.025	.005	.	.005	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.025	.	.005	.	.	.
16	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.005
28	.	.	.045	.045	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.005	.010	.190	.275	.
29	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.005
30	.	.	.	.	.030	.	.	.	.	.	.	.	.005	.045	.	.	.	.	.	.	.	.	.	.
31																								
.170	.235	.145	.265	.240	.180	.095	.030	.445	.045	.015	-	.005	.060	.160	.055	.015	.090	.020	.025	.040	.020	.225	.405	.179
5	5	3	6	4	3	4	3	2	2	2	-	1	2	4	3	3	1	3	1	3	3	4	3	5

*Record defective or Instrument out of action. † Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.353	.347	.342	.345	.337	.346	.366	.383	.370	.369	.374	.348	.367	.394	.395	.376	.376	.381	.377	.378	.374	.388	.390	.389
2	.397	.393	.387	.380	.371	.370	.380	.384	.401	.408	.419	.421	.427	.414	.421	.410	.402	.405	.412	.413	.404	.381	.383	.387
3	.395	.396	.400	.394	.398	.404	.401	.412	.434	.424	.435	.428	.437	.428	.429	.432	.414	.417	.403	.415	.417	.413	.418	.424
4	.432	.413	.390	.363	.372	.386	.403	.399	.403	.407	.411	.430	.406	.410	.429	.425	.411	.397	.395	.381	.402	.388	.392	.393
5	.400	.396	.399	.388	.390	.399	.400	.411	.400	.406	.406	.408	*	†.391	.380	.377	.379	.371	.372	.380	.384	.377	.382	.395
6	.400	.369	.379	.377	.393	.402	.412	.413	.424	.406	.382	.378	.379	.368	.414	.423	.435	.430	.436	.432	.427	.423	.418	.416
7	.419	.422	.420	.422	.420	.416	.408	.404	.403	.424	.427	.429	.443	.443	.447	.453	.442	.421	.417	.416	.425	.422	.415	.417
8	.417	.409	.406	.420	.425	.427	.440	.443	.449	.448	.455	.441	.410	.400	.427	.440	.439	.445	.424	.426	.408	.410	.399	.416
9	.419	.422	.423	.423	.383	.420	.422	.418	.415	.400	.397	.401	.399	.395	.387	.382	.408	.361	.368	.351	.349	.351	.323	.313
10	.332	.339	.328	.307	.334	.328	.337	.343	.337	.352	.362	.342	.362	.361	.372	.373	.384	.386	.398	.402	.406	.413	.412	.409
11	.401	.413	.415	.419	.412	.404	.401	.386	.396	.391	.387	.421	.396	†.360	.346	.335	.344	.313	.310	.315	.321	.320	.317	.316
12	.319	.325	.345	.360	.370	.371	.375	.351	.381	.363	.367	.348	.342	.362	.359	.364	.351	.326	.355	.352	.359	.352	.356	.357
13	.358	.358	.357	.352	.364	.369	.388	.355	.393	.404	.400	.409	.418	.398	.411	.384	.379	.400	.396	.391	.386	.387	.402	.391
14	.388	.380	.370	.363	.355	.359	.347	.328	.361	.371	.373	.392	.396	.403	.419	.422	.421	.416	.413	.408	.399	.381	.382	.386
15	.381	.367	.374	.376	.385	.390	.404	.405	.405	.417	.371	.358	.407	.382	.378	.389	.408	.395	.395	.402	.404	.382	.386	.387
16	.398	.388	.377	.370	.367	.382	.399	.397	.388	.381	.408	.406	.390	.384	.403	.397	.399	.395	.395	.386	.367	.372	.393	.390
17	.396	.386	.388	.370	.374	.386	.388	.377	.381	.358	.380	.374	.378	.387	.375	.380	.375	.372	.373	.365	.360	.355	.351	.347
18	.345	.337	.329	.333	.330	.332	.342	.311	.326	.341	.328	.326	.332	.338	.330	.326	.332	.326	.354	.345	.340	.348	.357	.365
19	.363	.356	.344	.342	.351	.367	.376	.367	.371	.365	.362	.379	.364	.354	.342	.346	.354	.350	.340	.346	.346	.334	.344	.342
20	.347	.346	.350	.351	.353	.369	.377	.376	.387	.384	.397	.409	.397	.389	.410	.407	.412	.392	.403	.407	.407	.409	.414	.415
21	.414	.414	.422	.422	.424	.427	.438	.434	.443	.450	.467	.441	.423	.423	.433	.442	.437	.434	.455	.453	.462	.457	.459	.461
22	.457	.452	.454	.454	.449	.457	.466	.466	.466	.468	.462	.394	.454	.387	.425	.411	.401	.364	.378	.388	.451	.445	.427	.420
23	.417	.410	.408	.398	.398	.407	.436	.447	.456	.472	.496	.480	.480	.487	.486	.448	.454	.407	.432	.435	.427	.407	.407	.384
24	.427	.437	.447	.444	.448	.460	.454	.466	.467	.466	.477	.478	.492	.488	.503	.491	.434	.434	.446	.445	.456	.450	.463	.467
25	.463	.464	.467	.467	.474	.473	.490	.496	.514	.494	.487	.488	.488	.478	.504	.500	.496	.496	.500	.504	.509	.514	.516	.509
26	.490	.473	.486	.478	.507	.526	.546	.542	.552	.562	.552	.548	.545	.549	.550	.547	.563	.562	.569	.568	.562	.546	.532	.542
27	.552	.553	.550	.546	.553	.561	.565	.574	.577	.584	.566	.544	.534	*	.526	.536	.526	.538	.535	.529	.536	.532	.555	.555
28	.517	.520	.507	.442	.439	.432	.433	.436	.415	.396	.369	.386	.383	.383	.386	.377	.397	.410	.392	.384	.401	.397	.403	.376
29	.343	.348	.350	.358	.353	.347	.369	.388	.397	.399	.450	.455	.469	.474	.468	.439	.435	.445	.432	.439	.448	.454	.454	.458
30	.457	.436	.434	.415	.397	.411	.419	.403	.419	.410	.423	.419	.410	.389	.407	.406	.390	.403	.394	.389	.382	.381	.376	.381
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51′ N LONG 2°28′ W

HOURLY VALUES June 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·626	29·629	29·634	29·628	29·634	29·649	29·648	29·650	29·656	29·651	29·653	29·651	29·645	29·631	29·625	29·623	29·625	29·617	29·617	29·621	29·629	29·635	29·637	29·639	1
2	·647	·643	·633	·633	·623	·623	·625	·627	·611	·614	·615	·617	·609	·607	·599	·589	·576	·573	·563	·567	·567	·569	·559	·551	2
3	·545	·535	·519	·517	·516	·521	·527	·537	·537	·547	·547	·541	·529	·525	·515	·505	·501	·497	·497	·507	·505	·505	·505	·487	3
4	·473	·457	·439	·423	·413	·399	·393	·391	·363	·355	·341	·334	·329	·323	·319	·317	·321	·353	·373	·409	·447	·487	·505	·523	4
5	·541	·551	·565	·579	·599	·623	·631	·657	·671	·677	·691	·689	·697	·695	·699	·701	·703	·705	·719	·727	·741	·757	·765	·765	5
6	·765	·769	·763	·771	·775	·785	·791	·797	·799	·799	·802	·802	·798	·790	·784	·784	·784	·788	·792	·790	·792	·798	·788	·784	6
7	·764	·756	·744	·740	·726	·720	·718	·706	·704	·698	·690	·682	·678	·654	·634	·614	·596	·590	·570	·552	·547	·542	·528	·510	7
8	·490	·470	·438	·424	·400	·388	·378	·360	·332	·334	·309	·281	·251	·223	·187	·151	·161	·121	·111	·109	·103	·101	·095	·101	8
9	·101	·097	·095	·097	·097	·097	·099	·107	·103	·095	·102	·088	·070	·056	·046	·022	·036	·034	·030	·032	·038	·042	·045	·062	9
10	·062	·074	·090	·106	·114	·126	·138	·158	·172	·188	·197	29·207	29·221	29·237	29·249	29·256	29·263	29·279	29·285	29·297	29·305	29·308	29·307	29·301	10
11	29·293	29·273	29·255	29·241	29·213	29·187	29·151	29·113	29·071	29·045	29·014	28·974	28·956	28·934	28·928	28·916	28·880	28·857	28·858	28·870	28·886	28·906	28·920	28·936	11
12	28·942	28·940	28·938	28·938	28·936	28·942	28·948	28·960	28·976	28·990	·004	29·018	29·036	29·057	29·082	29·110	29·134	29·166	29·188	29·220	29·258	29·290	29·302	29·320	12
13	29·327	29·338	29·356	29·366	29·380	29·396	29·414	29·436	29·452	29·466	·465	·469	·473	·479	·483	·487	·487	·497	·513	·533	·547	·559	·562	·561	13
14	·559	·565	·561	·559	·569	·579	·587	·585	·583	·581	·581	·568	·566	·562	·556	·548	·536	·542	·538	·542	·548	·548	·540	·536	14
15	·528	·514	·506	·504	·502	·501	·498	·496	·486	·481	·474	·474	·458	·456	·447	·444	·440	·446	·446	·448	·456	·461	·454	·458	15
16	·450	·446	·444	·447	·446	·448	·446	·451	·448	·424	·420	·416	·414	·414	·404	·398	·404	·422	·429	·436	·440	·442	·436	·426	16
17	·414	·406	·400	·404	·406	·410	·420	·420	·432	·435	·442	·444	·446	·444	·442	·444	·442	·452	·454	·466	·474	·480	·476	·476	17
18	·466	·458	·456	·458	·456	·466	·472	·484	·488	·495	·497	·500	·501	·501	·497	·494	·499	·504	·511	·521	·530	·535	·539	·545	18
19	·547	·541	·545	·549	·553	·567	·585	·587	·595	·597	·606	·606	·608	·608	·608	·610	·618	·630	·637	·648	·658	·666	·668	·668	19
20	·668	·672	·664	·664	·664	·666	·662	·657	·650	·648	·642	·632	·630	·618	·616	·602	·594	·598	·602	·610	·620	·632	·632	·632	20
21	·624	·622	·616	·612	·616	·626	·642	·656	·656	·664	·667	·679	·683	·689	·693	·703	·711	·717	·726	·737	·751	·763	·771	·779	21
22	·779	·783	·790	·791	·797	·803	·809	·805	·797	·793	·783	·779	·775	·765	·759	·749	·745	·743	·744	·745	·749	·745	·741	·735	22
23	·733	·733	·725	·719	·722	·723	·727	·721	·713	·713	·707	·697	·683	·675	·663	·661	·655	·655	·657	·657	·659	·661	·661	·655	23
24	·651	·647	·647	·655	·659	·663	·667	·679	·683	·683	·682	·687	·686	·685	·682	·679	·685	·704	·708	·716	·726	·732	·732	·738	24
25	·732	·732	·736	·744	·744	·756	·768	·778	·782	·782	·782	·785	·783	·771	·769	·761	·763	·761	·757	·759	·765	·773	·775	·775	25
26	·775	·769	·765	·767	·769	·773	·783	·786	·777	·771	·768	·758	·754	·750	·744	·728	·722	·726	·730	·740	·752	·754	·752	·758	26
27	·752	·740	·738	·734	·728	·728	·724	·718	·702	·700	·684	·670	·660	·648	·642	·622	·620	·624	·618	·622	·630	·634	·633	·632	27
28	·624	·618	·598	·600	·592	·600	·610	·606	·600	·598	·597	·589	·591	·594	·595	·583	·585	·595	·605	·619	·627	·633	·637	·641	28
29	·634	·629	·621	·619	·601	·599	·599	·605	·589	·585	·582	·575	·560	·548	·526	·514	·506	·504	·512	·506	·516	·520	·526	·524	29
30	29·514	29·502	29·498	29·506	29·502	29·504	29·508	29·512	29·512	29·516	29·512	29·520	29·520	29·526	29·528	29·528	29·534	29·536	29·544	29·554	29·570	29·590	29·600	29·594	30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	46·9	45·0	44·9	43·1	44·0	46·4	50·8	53·1	54·2	56·5	57·4	57·4	58·5	59·5	60·5	59·2	58·1	58·0	57·0	54·7	54·1	53·3	51·0	47·4
2	45·7	44·5	43·3	43·4	44·7	45·6	49·8	52·8	57·8	59·3	59·0	56·9	59·9	56·1	53·3	55·0	54·9	54·3	54·1	53·0	52·0	51·8	51·0	51·7
3	50·3	50·2	49·3	49·1	49·5	49·9	50·5	50·7	51·5	52·5	57·3	58·0	62·6	63·6	62·7	64·0	61·9	61·1	57·2	55·8	53·6	52·8	52·1	50·8
4	50·1	50·1	49·8	50·1	49·5	49·3	48·2	48·1	49·2	50·0	50·2	49·9	49·9	50·2	50·7	50·2	50·2	49·1	48·8	48·0	48·0	47·3	47·0	46·4
5	46·1	45·8	46·1	46·0	46·2	46·3	48·0	48·6	49·0	49·7	51·0	54·2	55·8	57·0	58·3	55·1	57·2	57·0	55·1	52·9	49·1	47·5	46·1	45·6
6	44·8	44·6	43·0	42·5	44·0	46·0	47·3	50·6	53·3	55·0	56·9	59·2	59·8	62·0	61·5	62·2	61·3	59·0	58·0	55·4	53·0	52·0	53·0	52·5
7	52·5	53·0	53·0	53·1	53·5	54·2	55·2	55·0	56·0	57·7	58·1	60·0	60·2	61·6	62·4	62·1	62·4	61·8	60·8	59·6	58·1	58·0	57·9	58·1
8	57·4	57·1	57·2	57·0	57·1	57·5	59·0	60·7	63·2	59·9	59·9	60·6	61·7	62·5	64·0	60·8	57·8	57·8	57·3	57·9	57·5	55·8	55·0	55·0
9	54·6	54·0	53·8	53·5	53·3	53·9	54·2	55·6	58·2	61·6	59·7	59·6	58·1	59·9	59·3	59·3	54·4	54·8	55·1	54·2	53·8	53·0	53·0	52·8
10	52·3	52·7	52·2	51·5	51·9	51·9	52·9	52·8	52·4	55·6	57·6	58·8	58·6	58·5	57·4	59·0	57·2	56·2	55·2	54·7	52·0	50·8	49·0	48·6
11	47·9	47·7	47·6	48·2	50·4	51·1	51·9	52·6	52·4	52·9	55·4	56·0	55·5	58·6	58·0	56·0	54·2	55·8	55·1	54·1	53·3	52·7	51·3	50·8
12	50·1	49·9	49·7	49·9	50·1	50·4	50·5	51·0	51·6	54·0	55·0	56·0	57·3	56·1	56·5	55·2	55·5	54·8	53·3	52·0	51·5	51·4	50·8	50·8
13	49·9	48·9	49·1	48·9	48·8	48·4	50·1	49·1	50·0	51·0	54·3	55·3	55·5	55·8	55·5	55·7	55·3	55·0	52·9	50·8	48·2	46·0	44·5	43·2
14	42·1	41·4	41·1	40·0	43·2	43·9	48·9	49·6	50·5	51·9	53·0	54·7	55·6	56·1	56·4	55·9	56·7	55·2	53·8	52·4	51·2	50·0	48·6	48·0
15	48·0	47·4	46·4	45·2	45·8	47·4	50·0	52·6	55·8	56·4	66·9	54·6	56·9	57·9	57·0	55·2	54·8	54·4	54·0	53·9	53·2	52·2	51·9	51·1
16	48·2	46·9	46·9	45·7	46·1	46·3	48·2	51·0	57·0	58·9	60·3	60·1	59·0	59·4	60·6	60·5	59·9	56·9	54·4	53·0	51·9	51·7	51·4	49·6
17	49·2	49·9	49·8	50·1	50·0	50·8	51·9	53·2	56·2	57·6	56·3	55·6	57·9	57·5	57·6	57·7	58·0	56·9	56·3	53·2	52·1	51·9	51·6	51·6
18	51·0	50·5	50·0	50·0	50·5	51·2	54·5	56·8	58·8	59·7	60·1	59·7	60·9	60·4	60·6	61·4	61·4	59·9	60·0	56·0	53·0	50·5	49·9	49·4
19	49·6	47·6	47·0	45·4	47·7	50·8	52·0	57·4	59·9	62·2	63·8	62·1	62·5	64·0	64·6	63·8	63·2	61·3	59·9	58·3	55·2	53·9	54·5	51·8
20	49·9	47·3	47·5	45·3	45·9	48·8	51·0	54·0	58·0	61·9	64·2	65·9	64·3	67·0	65·0	67·9	66·0	67·0	64·5	59·2	57·9	56·8	56·0	55·4
21	55·3	55·8	55·9	55·4	56·8	56·4	55·5	55·5	56·6	58·7	58·9	59·0	59·5	59·0	61·1	59·0	58·0	58·0	57·2	56·5	55·7	55·2	54·9	54·2
22	52·5	49·5	49·0	50·1	49·0	50·6	55·0	58·0	61·9	64·0	65·7	65·1	64·0	65·6	66·5	66·9	66·0	65·0	63·8	61·9	60·5	59·5	59·0	58·0
23	57·6	57·0	56·0	54·5	55·0	56·7	57·6	60·4	64·9	67·0	68·0	69·0	70·0	71·8	71·0	68·2	66·8	67·5	66·8	64·0	61·9	60·3	59·5	58·1
24	57·1	56·0	56·0	54·9	56·0	58·1	59·4	64·0	65·1	68·0	68·0	68·7	70·0	‡70·4	72·1	71·6	70·7	69·0	68·0	64·5	62·7	61·4	61·4	60·9
25	60·9	60·0	59·9	59·0	59·1	62·9	62·7	64·2	66·8	68·7	70·8	70·4	72·2	73·1	73·8	74·1	74·8	74·5	72·9	71·2	67·6	65·6	62·8	60·4
26	59·6	59·0	58·6	58·6	59·4	62·8	66·8	71·7	73·9	‡76·3	‡78·6	79·0	79·9	80·0	79·9	81·6	81·0	80·8	79·9	76·0	73·0	72·0	71·6	70·0
27	69·9	70·0	67·6	67·6	67·8	69·0	70·6	75·2	79·3	81·1	80·9	82·8	82·2	83·0	83·3	82·5	82·1	80·2	79·0	77·0	73·2	71·5	70·1	68·0
28	67·0	63·7	63·5	63·0	64·5	65·9	66·9	69·9	73·8	74·6	77·1	78·0	78·9	79·7	79·0	78·2	76·0	74·0	71·5	66·0	63·5	61·9	58·0	56·8
29	56·4	55·5	55·1	54·0	56·9	58·1	62·2	64·8	65·1	68·0	69·1	71·0	71·1	72·3	70·1	69·0	69·9	70·4	69·8	64·8	60·2	57·5	56·2	55·3
30	53·5	52·6	52·8	52·0	53·2	55·1	59·8	62·0	63·3	65·2	64·2	64·3	65·0	66·9	66·0	64·9	64·8	62·2	60·2	58·3	57·0	56·0	54·0	53·6
31																								

‡Approximate.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
44·7	43·1	43·0	41·6	41·2	43·2	45·0	46·3	46·5	48·9	49·5	49·4	50·8	50·8	52·0	51·0	51·5	51·2	50·6	49·8	49·0	49·0	47·8	45·0	1
43·5	42·7	41·4	41·7	42·8	43·6	47·0	49·2	53·2	53·8	52·7	50·9	53·3	50·4	50·3	51·0	50·1	50·5	50·2	48·9	48·8	49·0	48·5	49·1	2
48·9	49·2	48·8	48·8	48·9	49·2	49·8	50·0	50·7	51·2	54·3	54·7	57·2	56·0	56·9	56·9	55·8	55·2	54·1	52·9	51·4	50·3	50·2	49·0	3
48·5	48·7	48·2	48·2	47·9	47·8	47·3	47·2	48·0	48·5	48·9	49·0	49·0	49·5	49·8	49·0	49·0	47·8	47·2	46·2	46·6	45·5	45·0	44·7	4
44·2	43·9	44·0	43·6	43·8	43·9	45·1	44·9	45·0	46·0	47·5	50·1	50·6	50·8	51·9	49·7	50·9	50·9	49·8	47·8	45·5	44·0	44·5	44·8	5
43·8	43·7	42·2	41·8	43·2	45·0	46·1	48·7	49·8	51·9	54·0	‡54·4	55·0	56·2	56·6	56·9	56·0	55·1	54·8	53·2	51·9	51·0	52·0	51·8	6
51·8	52·2	52·0	52·0	52·2	52·9	53·5	53·5	54·1	55·0	55·1	55·8	55·9	56·0	56·5	57·0	56·7	56·0	56·1	55·8	55·0	54·9	54·8	54·8	7
54·3	53·9	53·7	52·8	52·9	53·8	55·0	56·0	58·0	56·8	57·4	57·0	58·2	58·1	58·2	58·6	57·0	56·9	56·2	56·2	56·1	54·7	54·3	54·0	8
53·4	53·0	52·9	52·8	52·8	52·6	52·9	53·5	55·2	56·4	55·0	56·1	54·6	55·9	56·0	56·0	53·5	53·1	53·9	53·1	52·7	52·0	52·2	52·0	9
51·4	51·9	50·9	50·0	49·9	49·8	49·6	50·9	51·3	53·6	53·5	54·7	54·3	53·4	53·3	54·0	52·2	51·9	51·9	51·5	49·0	47·9	46·9	46·7	10
45·9	45·5	46·0	46·5	48·0	49·0	50·2	50·9	51·0	51·2	53·5	54·0	54·0	55·0	54·0	53·6	53·1	54·3	54·0	53·1	52·7	51·9	50·6	49·8	11
49·0	48·7	48·5	48·5	49·0	49·0	49·5	50·0	51·0	53·2	53·8	54·7	55·2	54·0	54·0	53·7	54·0	53·9	50·9	49·5	49·4	48·9	48·2	48·1	12
47·9	47·9	47·3	47·3	46·9	47·4	47·6	46·1	46·8	48·9	49·9	50·8	50·1	50·4	50·2	50·2	49·9	49·0	47·1	46·3	45·1	43·8	42·6	41·8	13
40·8	39·9	39·5	38·3	40·9	41·7	46·0	45·8	46·9	47·1	48·1	48·0	49·0	49·5	49·7	49·0	49·8	48·9	48·9	48·0	47·2	46·4	45·3	45·0	14
45·1	45·1	44·7	43·9	44·1	45·2	47·2	48·8	51·0	50·4	50·9	50·0	51·0	51·5	51·2	50·9	50·9	51·3	51·4	51·0	50·4	50·8	50·2	49·7	15
46·2	44·9	44·9	43·9	44·2	44·8	46·0	47·9	53·1	54·7	52·7	53·2	53·1	53·6	55·3	55·4	51·5	52·0	50·3	49·0	48·5	48·9	49·0	48·0	16
47·8	48·0	48·2	49·8	49·6	50·3	51·3	52·4	52·3	53·6	53·5	53·9	55·0	54·8	54·4	54·4	53·7	52·4	52·9	51·0	50·8	50·5	50·2	50·0	17
49·9	49·5	49·0	49·0	49·6	50·5	52·2	51·8	52·9	51·9	52·3	51·6	52·2	52·5	53·0	52·8	53·0	51·8	52·5	50·4	49·4	48·0	48·0	47·0	18
46·0	45·3	45·1	44·0	45·1	47·7	48·9	52·0	53·0	54·0	54·7	55·4	55·0	55·8	55·9	55·9	54·9	54·8	53·5	53·6	52·0	51·3	52·7	50·0	19
48·2	46·5	46·1	44·1	44·2	46·4	48·5	50·3	53·8	56·9	56·4	58·0	58·1	58·5	58·2	58·0	58·8	60·1	59·6	54·9	54·0	52·0	51·9	52·4	20
52·9	52·9	53·0	52·9	53·1	53·2	53·3	53·8	55·2	56·0	56·2	56·3	56·1	56·4	58·8	57·1	57·0	57·0	56·1	55·6	55·0	54·4	54·0	53·3	21
51·8	48·9	48·2	49·6	48·5	49·0	52·1	52·9	54·5	57·1	57·6	58·0	58·3	60·0	60·5	61·0	60·0	59·0	58·5	57·2	57·4	57·0	56·5	55·9	22
55·2	55·2	54·5	53·0	53·9	54·6	55·8	57·5	60·0	60·9	60·2	60·8	62·2	63·8	62·1	60·0	58·2	61·3	60·9	60·2	59·3	58·0	56·8	56·0	23
55·3	54·3	54·0	53·4	54·5	56·2	57·5	59·9	60·8	62·0	62·1	62·6	63·7	63·9	65·0	64·2	64·0	62·0	61·9	60·0	59·3	59·0	58·9	59·0	24
59·0	58·6	58·8	58·0	58·2	60·2	60·3	60·9	61·3	61·9	63·4	63·4	64·9	65·7	66·1	67·2	67·4	67·2	67·0	66·1	63·9	62·0	61·0	58·8	25
58·2	57·9	57·8	57·8	58·3	60·3	63·0	66·2	63·6	66·0	67·0	67·9	69·8	69·0	68·9	69·0	69·2	70·8	71·0	70·9	68·0	67·0	67·0	66·1	26
65·9	65·8	64·4	64·4	64·9	65·3	67·0	70·1	70·1	69·8	70·0	70·5	71·0	68·6	68·8	68·2	68·9	67·5	66·8	66·8	66·0	65·9	64·8	63·3	27
62·6	60·6	59·9	59·1	59·7	60·9	61·9	64·0	66·1	66·8	66·4	66·5	66·9	65·7	63·9	65·1	64·5	63·3	63·4	59·1	57·1	56·1	55·3	54·8	28
54·2	54·0	53·3	52·8	54·8	55·8	58·9	60·2	60·8	61·8	61·2	61·0	59·0	58·2	56·9	55·2	56·5	57·4	57·3	55·1	55·2	53·0	52·0	50·7	29
49·0	49·0	50·0	50·0	50·6	52·3	56·1	57·7	58·8	59·7	58·0	57·8	57·7	58·0	58·9	57·4	57·7	56·0	54·8	53·0	52·4	51·4	50·2	49·8	30
																								31

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ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS {8–E 24–W / 16–S 32–N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	7	5·5	3	6·5	3	6·5	3	5·5	3	7·5	3	4·5	3	5·5	7	7·5	7	7·5	8	6·5	5	5·5	5	6·5
2	4	6·5	3	8·5	3	8·5	3	6·5	3	5·5	3	5·5	3	4·5	3	4	13	10·5	15	19	15	18	15	15
3	16	2	16	3	16	4	16	4	16	2	16	2	16	2	16	2	16	2	16	3	10	3	2	3
4	3	8·5	4	8·5	3	9·5	5	11	5	15	4	13	3	11	3	11	4	13	5	13	4	14	3	11
5	3	7·5	4	5·5	4	3	4	2	4	2	4	1·5	4	1·5	4	1·5	4	1·5	4	1·5	20	3	16	4·5
6	22	2	22	2	22	2	22	1·5	22	1·5	22	2	22	3	22	4·5	20	6·5	22	9·5	13	11	23	10·5
7	22	1·5	22	1·5	22	2	22	3	22	2	22	2	18	5·5	18	4·5	18	4·5	18	8·5	18	11	19	16
8	15	9·5	14	9·5	14	11	14	13	13	8·5	13	9·5	13	8·5	11	6·5	13	15	15	17	14	11	13	14
9	19	9·5	19	9·5	19	9·5	19	7·5	20	9·5	18	10·5	19	12	19	11	20	9·5	20	9·5	17	9·5	15	7·5
10	22	8·5	21	11	22	19	22	16	21	15	20	16	20	20	20	16	21	16	21	15	21	20	22	21
11	20	2	19	4	16	3	16	3	12	4·5	9	7·5	9	10·5	9	12	11	14	12	20	12	20	13	21
12	18	16	17	18	17	19	17	21	17	21	17	19	17	19	18	17	19	10·5	19	12	22	13	22	15
13	30	2	30	1·5	30	2	30	2	32	3	2	2	4	4·5	5	5·5	5	5·5	8	6·5	6	7·5	4	5·5
14	3	7·5	2	8·5	2	7·5	2	8·5	2	7·5	2	8·5	3	6·5	3	8·5	7	5·5	6	7·5	7	6·5	4	6·5
15	2	4	2	3	2	4	2	5·5	2	4	2	6·5	2	5·5	5	3	10	4	13	5·5	12	4·5	11	8·5
16	2	8·5	2	6·5	3	6·5	3	7·5	3	4·5	3	4	3	3	3	2	17	4	7	6·5	27	8·5	28	10·5
17	4	2	4	3	4	4	4	2	4	2	7	4	21	6·5	20	6·5	21	9·5	20	8·5	21	10·5	20	10·5
18	22	4·5	22	4·5	22	3	22	4	22	5·5	21	5·5	22	9·5	23	11	23	12	24	11	22	11	23	10·5
19	26	3	29	4·5	30	4	31	4	31	4	31	4	4	2	12	4	14	5·5	19	7·5	20	6·5	21	6·5
20	27	2	27	3	27	3	31	5·5	31	4·5	32	4	1	4	2	5·5	2	4	6	4	16	13	18	13
21	22	2	22	2	19	4·5	17	5·5	18	6·5	18	9·5	19	9·5	19	7·5	18	9·5	16	13	17	13	18	14
22	22	4	22	2	22	2	22	3	22	3	1	5·5	4	4·5	4	4	4	3	6	4·5	18	5·5	17	10·5
23	24	1·5	24	1·5	24	2	24	2	24	1·5	24	2	23	3	23	2	21	3	22	5·5	23	6·5	22	7·5
24	20	2	20	4	29	4	29	4	29	3	29	2	29	1·5	25	4	22	4·5	22	7·5	23	11	23	12
25	24	1·5	24	1·5	24	2	24	3	24	1·5	24	3	17	2	20	4·5	18	5·5	19	6·5	19	7·5	22	5·5
26	26	2	26	3	30	3	30	4	30	3	30	4·5	30	3	14	4·5	17	8·5	17	8·5	17	10·5	18	11
27	11	2	6	4	3	4	3	4·5	3	4	3	4·5	3	4	3	4	11	7·5	12	16	16	20	15	17
28	8	8·5	4	8·5	5	8·5	3	6·5	7	8·5	4	8·5	2	10·5	3	11	8	14	8	18	9	21	9	21
29	30	8·5	32	6·5	3	12	4	8·5	5	12	3	9·5	4	9·5	7	9·5	5	6·5	5	11	7	15	7	13
30	2	6·5	2	8·5	2	5·5	2	5·5	2	4·5	2	4·5	3	7·5	5	7·5	5	9·5	4	12	4	11	5	11
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	7	5·5	8	5·5	11	5·5	12	5·5	11	4·5	11	4	11	4	10	3	10	5·5	10	5·5	7	5·5	4	6·5
2	18	15	16	11	16	4·5	17	3	15	7·5	14	5·5	15	4·5	15	5·5	16	1·5	16	1·5	16	2	16	2
3	18	5·5	23	10·5	23	11	24	11	25	8·5	25	4·5	1	8·5	2	4·5	3	7·5	3	5·5	3	6·5	3	7·5
4	3	10·5	3	11	3	14	3	12	3	17	2	13	3	14	3	12	4	6·5	3	7·5	3	8·5	3	8·5
5	23	7·5	23	7·5	22	10·5	26	9·5	24	9·5	24	9·5	25	7·5	26	4	22	3	22	4	22	4	22	1·5
6	24	12	28	12	23	11	24	9·5	25	9·5	24	11	24	8·5	23	4·5	22	3	22	2	22	1·5	22	2
7	19	11	19	10·5	17	8·5	17	8·5	17	10·5	16	10·5	16	5·5	16	3	16	2	16	3	16	2	15	8·5
8	14	13	14	16	13	13	22	8·5	18	11	16	5·5	17	9·5	17	6·5	18	6·5	22	8·5	20	8·5	19	8·5
9	16	10·5	18	13	13	4·5	15	9·5	21	4·5	22	3	22	2	20	4·5	20	4·5	20	5·5	21	9·5	21	10·5
10	22	22	22	24	22	23	22	23	21	22	22	18	21	12	21	10·5	20	8·5	20	7·5	20	6·5	20	4·5
11	16	22	14	20	15	12	13	15	12	3	14	12	18	15	21	9·5	19	11	21	18	19	16	18	17
12	23	18	24	19	24	17	24	13	24	11	23	6·5	30	14	31	11	10	4	30	3	1	4	30	3
13	4	8	5	8·5	5	9·5	6	9·5	5	9·5	4	10·5	6	10·5	5	4·5	4	6·5	3	8·5	3	3	3	4
14	6	5	6	7·5	6	7·5	5	6·5	6	5·5	5	6·5	5	5·5	6	5·5	7	4·5	6	4·5	2	4	2	2
15	11	9	10	8·5	14	4	15	3	15	1·5	15	1·5	15	1·5	15	1·6	15	1·5	15	1·5	15	1·5	15	2
16	26	14	25	17	25	13	25	11	31	7·5	4	8·5	4	5·5	4	4	4	4	4	1·5	4	1·5	4	1·5
17	20	12	22	16	22	15	23	15	23	18	23	14	22	13	22	5·5	22	4·5	22	4·5	22	4	22	4·5
18	22	10	23	10·5	23	10·5	22	12	24	7·5	25	7·5	23	6·5	26	4	26	4	26	1·5	26	2	26	3
19	21	7	21	8·5	20	7·5	23	9·5	23	9·5	24	7·5	25	4	26	4	26	2	26	2	26	1·5	26	3
20	17	14	14	12	16	11	17	9·5	23	6·5	22	4	22	3	22	2	22	2	22	1·5	22	2	22	1·5
21	19	11	21	9·5	22	5·5	23	7·5	21	4·5	21	4·5	22	6·5	22	4	22	4	22	2	22	1·5	22	1·5
22	16	9	19	9·5	19	9·5	22	9·5	23	8·5	24	6·5	24	4·5	24	1·5	24	1·5	24	1·5	24	1·5	24	2
23	23	7	22	9·5	24	8·5	25	9·5	26	5·5	20	2	20	4·5	20	3	20	2	20	1·5	20	2	20	1·5
24	23	11	23	9·5	23	10·5	23	9·5	24	11	26	6·5	22	5·5	23	3	24	2	24	3	24	2	24	1·5
25	24	4	19	4·5	24	4	23	4	19	3	19	2	32	3	1	2	1	1·5	1	3	1	4·5	26	4·5
26	18	12	18	16	17	14	19	11	18	7·5	19	4·5	24	2	16	3	18	3	14	6·5	14	2	11	3
27	14	18	14	19	13	20	13	17	12	15	13	11	12	10·5	11	6·5	10	8·5	9	9·5	9	14	8	12
28	8	22	9	20	8	22	9	19	7	19	6	11	3	9·5	3	13	8	20	8	14	1	8·5	1	8·5
29	7	14	6	13	5	15	6	14	7	14	8	8·5	8	7·5	4	4·5	2	9·5	4	8·5	3	6·5	2	8·5
30	4	9	5	10·5	5	10·5	4	7·5	4	9·5	4	10·5	5	9·5	5	8·5	5	7·5	6	5·5	7	6·5	6	6·5
31																								

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2														·002	·010	·005								
3	·010	·040	·003	·002		·001			·002														·002	·012
4	·002			·002	·010	·002	·200	·115	·085	·015	·017	·070	·018	·055	·060	·070	·026	·007		·002				
5																								
6																								
7					·005	·005		·008	·002	·005														
8										·019	·008	·002	·010			·030	·360	·070	·053	·002		·022	·002	·001
9	·002	·002			·025	·002						·008	·002	·002	·003	·002	·353	·100	·010	·060	·005		·028	
10	·002								·100	·008														
11		·002	·001	·001	·001		·005	·010	·080	·084	·010	·020	·080	·015	·002	·030	·133	·022	·030	·020	·018	·020	·100	·100
12	·060	·030	·030	·033	·020	·010	·002	·029	·025	·025	·010	·012	·002	·010		·002	·003	·055	·005	·001	·001	·001	·001	
13																								
14																								
15																								
16																								
17					·007	·005	·003	·005																
18	·001	·001	·001	·001	·004	·001	·001	·001																
19																								
20																								
21							·005	·020	·040	·003		·001	·001	·001			·002	·004	·009	·002	·002			
22		·001				·002				·002														
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31																								
113	·077	·076	·035	·039	·072	·028	·216	·188	·334	·159	·045	·113	·113	·085	·075	·139	·877	·258	·107	·087	·026	·043	·133	·113
2	4	4	2	3	6	5	5	6	6	7	4	5	4	4	3	5	5	6	5	4	3	2	3	2

* Approximate.

VAPOUR TENSION.

IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·269	·255	·254	·246	·228	·244	·257	·243	·238	·267	·270	·268	·288	·279	·294	·285	·306	·300	·296	·300	·287	·296	·294	·270
2	·258	·243	·239	·245	·253	·261	·288	·306	·349	·346	·323	·303	·329	·303	·326	·325	·305	·319	·314	·297	·305	·313	·311	·317
3	·329	·337	·339	·342	·339	·340	·350	·352	·360	·359	·382	·385	·397	·355	·388	·374	·368	·362	·378	·365	·350	·333	·339	·325
4	·321	·326	·317	·313	·314	·313	·315	·313	·319	·322	·330	·335	·335	·346	·347	·332	·332	·316	·305	·290	·299	·283	·275	·275
5	·268	·265	·264	·257	·259	·259	·265	·256	·255	·268	·288	·310	·310	·300	·313	·294	·300	·302	·297	·274	·265	·248	·275	·287
6	·273	·275	·259	·257	·270	·287	·297	·320	·314	·347	·378	·362	·371	·377	·378	·394	·380	·383	·388	·377	·371	·361	·374	·376
7	·376	·380	·374	·373	·373	·382	·387	·389	·394	·403	·395	·390	·390	·376	·381	·398	·386	·374	·388	·395	·392	·390	·389	·387
8	·381	·373	·367	·346	·348	·367	·380	·387	·41-	·418	·436	·415	·437	·424	·409	·461	·454	·451	·436	·428	·431	·414	·412	·403
9	·392	·388	·388	·390	·392	·378	·382	·382	·396	·387	·372	·403	·382	·393	·403	·403	·397	·381	·399	·388	·383	·374	·380	·377
10	·368	·375	·355	·342	·334	·331	·314	·348	·363	·385	·359	·375	·367	·346	·355	·354	·330	·335	·345	·340	·310	·299	·296	·295
11	·284	·278	·290	·295	·305	·322	·341	·350	·355	·353	·385	·391	·397	·385	·367	·381	·388	·402	·402	·390	·389	·375	·360	·346
12	·333	·328	·326	·323	·333	·330	·342	·348	·366	·394	·397	·411	·407	·390	·384	·393	·397	·403	·341	·323	·327	·316	·306	·303
13	·308	·321	·304	·306	·298	·315	·299	·277	·282	·321	·306	·318	·301	·305	·303	·301	·298	·280	·260	·263	·263	·261	·251	·249
14	·240	·229	·224	·213	·230	·239	·277	·265	·279	·269	·279	·262	·276	·284	·284	·275	·283	·277	·288	·283	·279	·273	·265	·263
15	·265	·272	·275	·271	·269	·275	·291	·299	·319	·299	·303	·305	·305	·308	·309	·321	·325	·338	·344	·335	·330	·353	·341	·340
16	·288	·274	·274	·266	·268	·279	·283	·297	·354	·373	·311	·325	·332	·340	·370	·374	·290	·328	·314	·299	·300	·312	·318	·314
17	·314	·310	·317	·355	·350	·359	·370	·383	·345	·361	·374	·388	·394	·394	·381	·380	·360	·338	·359	·344	·355	·349	·345	·342
18	·346	·342	·334	·334	·344	·358	·360	·325	·330	·300	·305	·298	·294	·301	·315	·303	·307	·296	·310	·304	·308	·304	·310	·293
19	·289	·275	·277	·271	·269	·294	·308	·323	·322	·321	·323	·356	·342	·346	·344	·351	·333	·350	·334	·358	·347	·343	·374	·338
20	·315	·307	·294	·274	·270	·287	·311	·317	·362	·397	·359	·381	·402	·385	·396	·363	·401	·427	·442	·375	·368	·330	·338	·355
21	·369	·365	·366	·368	·357	·364	·378	·392	·417	·411	·414	·416	·404	·419	·463	·439	·451	·451	·434	·429	·423	·412	·404	·394
22	·376	·339	·327	·349	·335	·327	·352	·340	·336	·379	·373	·390	·411	·439	·444	·454	·434	·418	·419	·406	·429	·430	·422	·418
23	·405	·411	·405	·382	·400	·398	·420	·433	·448	·450	·419	·424	·452	·479	·439	·411	·379	·456	·452	·467	·466	·449	·424	·420
24	·413	·399	·391	·387	·405	·426	·446	·458	·471	·470	·473	·479	·498	·499	·513	·493	·498	·457	·467	·454	·447	·464	·461	·47
25	·472	·472	·480	·467	·473	·481	·488	·486	·464	·458	·479	·484	·509	·523	·527	·560	·558	·555	·569	·561	·537	·502	·509	·472
26	·465	·464	·467	·467	·471	·487	·518	·558	·453	·494	·500	·523	·572	·545	·543	·527	·541	·597	·614	·668	·604	·581	·587	·580
27	·574	·569	·554	·554	·569	·562	·603	·651	·592	·559	·568	·562	·586	·500	·503	·493	·518	·496	·489	·512	·532	·551	·533	·511
28	·502	·484	·465	·446	·445	·462	·481	·509	·527	·541	·499	·493	·493	·450	·411	·450	·455	·443	·471	·409	·385	·376	·401	·402
29	·391	·397	·382	·382	·400	·414	·450	·456	·471	·464	·435	·409	·358	·330	·320	·293	·314	·328	·331	·324	·372	·347	·337	·316
30	·294	·303	·324	·335	·334	·356	·400	·419	·433	·436	·401	·394	·389	·373	·403	·377	·386	·370	·362	·338	·337	·326	·315	·310
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51° 28′ N LONG 0° 19′ W

HOURLY VALUES June 1878.

BAROMETER.

CISTERN 3.4 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·932	29·927	29·933	29·933	29·940	29·949	29·960	29·968	29·976	29·992	30·008	30·016	30·015	30·012	30·009	30·010	30·009	30·008	30·008	30·014	30·026	30·031	30·039	30·026	1
2	30·032	30·029	30·025	30·021	30·019	30·016	30·026	30·021	30·018	30·015	30·007	29·997	29·994	29·985	29·978	29·961	29·949	29·949	29·946	29·941	29·938	29·934	29·923	29·913	2
3	29·904	29·890	29·879	29·884	29·887	29·893	29·903	29·907	29·910	29·915	29·919	·918	·920	·913	·902	·894	·884	·875	·876	·876	·878	·877	·870	·857	3
4	·840	·828	·815	·794	·784	·778	·766	29·755	29·751	29·750	29·749	29·747	29·741	29·735	29·734	29·737	29·737	29·738	29·749	29·767	29·774	29·795	29·801	29·806	4
5	29·812	29·821	29·845	29·880	29·906	29·941	29·971	30·003	30·027	30·033	30·030	30·056	30·080	30·083	30·090	30·094	30·100	30·100	30·110	30·120	30·130	30·136	30·140	30·150	5
6	‡30·150	30·140	30·160	30·160	30·170	30·180	30·200	‡ ·200	‡ ·200	† ·200	‡ ·210	† ·201	‡ ·200	† ·188	‡ ·190	† ·179	‡ ·180	‡ ·180	‡ ·200	30·200	30·200	30·191	30·200	30·200	6
7	30·190	30·180	30·160	30·170	30·160	30·160	30·160	30·170	30·160	30·142	30·128	30·110	30·102	30·082	30·069	30·047	30·034	30·022	30·013	29·998	29·995	29·981	29·969	29·945	7
8	29·920	29·899	29·873	29·865	29·851	29·826	29·809	29·802	29·781	29·749	29·725	29·704	29·682	29·634	29·629	29·627	29·571	29·567	29·585	·587	·602	·605	·617	·619	8
9	·617	·620	·619	·618	·616	·618	·627	·613	·604	·595	·587	·573	·550	·527	·526	·515	·506	·505	·510	·515	·530	·542	·554	·575	9
10	·592	·610	·618	·643	·658	·678	·689	·704	·720	·725	·728	·730	·732	·756	·757	·756	·755	·761	·771	·784	·798	·800	·794	·788	10
11	·775	·751	·720	·701	·692	·678	·650	·622	·598	·575	·569	·547	·514	·491	·463	·448	·449	·449	·460	·482	·511	·526	·542	·551	11
12	·563	·563	·563	·562	·562	·561	·569	·566	·565	·558	·556	·553	·553	·557	·551	·565	·579	·612	·631	·663	·689	·705	·720	·734	12
13	·745	·753	·760	·766	·777	·797	·805	·818	·819	·819	·812	·805	·801	·799	·797	·796	·793	·809	·820	·824	·830	·832	·832	·836	13
14	·831	·831	·830	·832	·840	·847	·860	·867	·867	·864	·861	·861	·859	·860	·859	·858	·849	·849	·857	·859	·864	·873	·871	·870	14
15	·865	·863	·859	·858	·855	·857	·861	·861	·861	·859	·857	·850	·848	·849	·843	·831	·829	·829	·831	·830	·832	·828	·826	·817	15
16	·803	·788	·797	·793	·801	·796	·801	·798	·792	·795	·793	·779	·770	·757	·765	·753	·752	·751	·772	·777	·781	·780	·781	·780	16
17	·775	·767	·769	·774	·782	·789	·801	·820	·822	·825	·823	·822	·825	·831	·826	·820	·816	·829	·840	·847	·855	·859	·860	·849	17
18	·848	·845	·847	·856	·857	·865	·872	·875	·875	·877	·876	·878	·882	·883	·870	·865	·867	·865	·870	·876	29·895	29·893	29·896	29·897	18
19	29·897	29·894	29·890	29·893	29·901	29·911	29·925	29·930	29·933	29·933	29·930	29·926	29·934	29·937	29·949	29·944	29·950	29·959	29·969	29·982	30·000	30·002	30·013	30·016	19
20	30·016	30·020	30·018	30·017	30·022	30·032	30·034	30·036	30·032	30·033	30·035	30·028	30·026	30·021	30·017	30·016	30·018	30·024	30·032	30·040	·053	·062	·066	·077	20
21	·082	·079	·072	·083	·085	·093	·103	·107	·105	·097	·083	·082	·084	·087	·089	·090	·092	·096	·101	·106	·108	·130	·136	·155	21
22	·154	·155	·156	·157	·160	·165	·172	·169	·169	·164	·161	·152	·143	·126	·122	·111	·106	·101	·100	·105	·107	·109	·108	·107	22
23	·103	·091	·083	·082	·083	·083	·086	·079	·071	·062	·053	·046	·034	·026	·041	·026	·018	·017	·017	·017	·025	·029	·037	·037	23
24	·029	·029	·031	·033	·036	·045	·051	·054	·061	·061	·056	·054	·056	·052	·046	·046	·050	·057	·068	·085	·090	·096	·104	·101	24
25	·098	·100	·100	·106	·119	·130	·138	·146	·153	·156	·155	·147	·144	·142	·142	·134	·132	·138	·141	·144	·151	·160	·158	·159	25
26	·155	·151	·145	·150	·154	·160	·163	·162	·160	·154	·145	·134	·125	·121	30·115	30·108	30·109	30·112	30·116	30·120	30·123	30·134	30·126	30·123	26
27	30·118	30·108	30·098	30·090	30·091	30·088	30·087	30·086	30·076	30·068	30·054	30·043	30·025	30·014	29·999	29·986	29·982	29·977	29·974	29·971	29·971	29·962	29·958	29·942	27
28	29·937	29·918	29·906	29·900	29·897	29·900	29·902	29·903	29·910	29·896	29·893	29·888	29·888	29·884	·882	·871	·866	·864	·872	·872	·878	·882	·874	·868	28
29	·861	·856	·844	·835	·834	·826	·829	·823	·819	·814	·806	·796	·784	·766	·760	·758	·753	·749	·748	·753	·759	·755	·752	·745	29
30	29·740	29·734	29·730	29·722	29·716	29·725	29·734	29·735	29·743	29·756	29·767	29·769	29·774	29·785	29·797	29·809	29·812	29·818	29·833	29·851	29·867	29·883	29·894	29·890	30
31																									31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	504	475	486	496	499	506	527	537	628	507	502	531	550	545	538	556	559	553	549	510	500	475	469	455	1
2	464	450	450	455	466	477	495	521	546	572	593	602	607	631	602	610	575	559	541	530	524	520	520	516	2
3	516	510	511	515	522	530	533	546	573	588	618	625	635	640	654	651	659	633	626	607	589	569	557	549	3
4	539	540	537	632	530	524	545	570	586	609	630	631	651	640	631	639	642	605	595	590	580	575	551	549	4
5	548	547	530	517	512	508	510	511	517	525	545	572	578	576	564	560	563	560	560	540	501	498	485	476	5
6	470	476	500	496	494	481	498	520	557	581	615	622	635	651	666	670	665	660	620	609	591	580	570	550	6
7	538	621	509	510	520	542	570	566	600	616	640	640	656	674	666	671	669	665	650	611	686	560	557	553	7
8	543	543	548	550	550	581	631	633	652	674	686	700	695	680	670	661	614	652	640	622	608	589	571	560	8
9	551	552	551	547	555	563	580	602	615	626	637	629	644	650	641	630	633	630	600	571	660	559	551	551	9
10	541	526	527	531	539	544	560	576	580	601	619	637	632	575	632	631	610	628	612	580	569	545	537	521	10
11	517	520	530	538	543	558	559	560	553	570	667	577	668	587	629	593	610	590	584	663	648	536	525	520	11
12	515	510	607	503	525	540	555	570	581	590	596	601	610	610	639	590	597	588	690	570	568	563	551	589	12
13	522	518	520	517	521	522	553	560	582	606	610	630	650	666	649	600	579	575	560	550	540	543	546	520	13
14	511	506	500	500	498	495	493	500	507	526	538	537	560	554	562	567	565	558	555	530	525	518	507	490	14
15	472	456	450	450	461	466	490	509	521	537	641	664	574	563	577	592	584	578	567	544	530	515	514	506	15
16	510	506	503	505	570	509	502	514	539	545	660	680	591	605	567	610	615	561	540	536	530	525	515	512	16
17	508	491	500	496	501	518	531	542	569	590	618	623	612	584	616	630	628	610	598	576	566	560	552	549	17
18	589	529	524	520	515	525	550	571	600	610	621	580	580	560	610	615	630	646	646	603	547	541	530	523	18
19	502	502	507	490	510	521	539	570	601	625	651	648	660	634	606	624	639	655	630	595	574	558	537	516	19
20	503	508	486	488	490	502	520	548	597	538	652	681	695	690	702	710	705	689	661	620	585	560	552	529	20
21	494	491	465	472	488	531	568	610	639	665	680	686	712	730	720	706	722	710	707	669	638	601	580	562	21
22	540	530	515	508	550	560	590	626	649	667	686	704	723	734	757	750	746	747	748	705	650	621	600	583	22
23	570	565	561	568	571	600	642	669	708	725	749	742	740	776	719	725	732	721	701	680	659	650	630	638	23
24	626	613	601	580	612	630	660	690	718	729	764	760	745	750	795	798	799	788	767	725	684	664	650	658	24
25	652	648	643	648	642	643	659	671	699	731	741	760	786	788	798	810	813	810	795	761	705	670	640	627	25
26	604	593	587	576	599	633	680	736	768	788	806	820	840	851	825	810	750	736	730	712	709	696	679	669	26
27	660	659	651	645	656	678	710	740	769	786	810	820	830	829	821	816	796	778	761	720	699	683	669	656	27
28	650	640	633	636	641	658	677	716	751	764	777	778	791	780	778	771	760	750	729	705	680	669	658	644	28
29	630	619	607	587	601	624	657	676	698	727	734	760	760	763	746	743	738	723	710	675	664	650	614	602	29
30	590	580	553	558	570	586	601	611	620	632	643	678	625	601	630	631	612	612	620	621	618	610	594	583	30
31																									31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	494	470	481	490	493	500	509	512	507	489	489	500	511	508	501	520	520	511	516	484	478	461	458	449	1
2	440	440	441	440	440	460	470	480	480	506	512	521	528	553	540	550	525	513	501	494	496	493	492	492	2
3	497	500	505	510	517	523	527	530	550	552	566	562	577	572	570	580	589	582	580	576	566	551	544	539	3
4	533	533	526	525	524	524	540	562	570	572	575	570	582	570	575	578	580	570	558	550	542	540	542	537	4
5	536	536	514	503	492	489	492	490	491	500	505	529	527	526	525	525	530	533	546	523	498	492	480	478	5
6	468	478	494	491	490	477	492	510	525	536	520	520	530	544	545	560	571	573	570	570	563	566	557	539	6
7	526	512	501	503	515	530	548	545	*	571	581	581	594	605	596	605	600	587	590	566	551	534	530	533	7
8	521	520	526	529	530	556	582	580	600	611	618	621	620	609	619	620	600	636	620	601	589	567	552	550	8
9	539	535	537	530	533	540	550	560	562	570	588	574	590	580	570	560	569	562	541	532	530	530	530	528	9
10	520	510	510	510	510	510	520	521	518	520	529	538	542	542	567	550	541	545	549	532	532	529	520	513	10
11	570	513	521	529	537	540	536	546	543	551	550	556	555	563	590	568	556	545	539	526	516	510	503	498	11
12	490	490	485	489	506	510	519	526	530	541	545	547	561	545	561	570	569	550	547	538	539	531	522	512	12
13	506	500	500	501	506	506	527	529	549	550	564	553	561	577	568	564	550	549	541	538	530	531	536	510	13
14	497	483	480	476	473	470	471	471	477	489	496	498	510	501	509	503	510	509	503	494	487	472	460	460	14
15	450	447	439	440	440	449	463	467	468	479	483	501	499	494	508	525	514	510	515	502	501	492	493	491	15
16	496	490	487	493	497	497	495	510	529	530	538	552	546	552	528	565	564	550	531	529	525	520	512	510	16
17	565	490	500	495	501	502	513	520	540	531	560	567	550	545	571	541	557	554	559	545	542	543	541	537	17
18	530	520	520	515	511	517	537	546	553	563	560	560	550	545	590	561	590	598	597	567	539	531	526	520	18
19	501	501	500	495	506	518	530	551	560	570	583	571	554	557	560	570	557	570	562	547	545	530	514	514	19
20	500	506	485	488	490	502	520	537	571	585	584	608	610	601	616	612	604	588	574	550	524	510	500	500	20
21	480	483	460	471	480	510	537	560	575	600	614	590	622	631	618	610	620	616	623	610	588	576	563	551	21
22	530	521	510	503	527	540	556	580	581	600	605	608	611	629	636	650	640	648	651	640	611	668	588	578	22
23	560	554	551	561	566	580	607	600	625	647	658	656	661	677	645	656	660	660	659	652	638	636	620	611	23
24	601	599	580	570	591	602	626	640	649	655	670	663	661	669	680	690	670	661	650	639	633	629	630	630	24
25	629	623	623	623	621	621	631	635	642	635	659	660	685	680	685	689	695	700	681	663	651	632	621	603	25
26	591	585	577	571	580	612	640	666	700	711	720	720	722	720	721	706	699	690	686	669	673	660	655	656	26
27	642	640	633	630	633	651	667	670	688	670	681	698	700	681	690	665	679	665	660	656	630	634	633	627	27
28	620	613	610	610	612	620	633	656	662	667	675	670	669	651	650	640	650	650	638	627	620	603	595	587	28
29	580	572	567	561	571	588	608	621	637	647	620	620	630	627	619	607	591	594	583	576	572	565	560	560	29
30	555	550	536	550	561	573	583	590	597	601	610	630	602	590	610	612	606	598	610	610	607	599	576	570	30
31																									31

‡ Record defective or Instrument out of action. † Reading of Standard. * Approximate.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51° 28' N. LONG: 0° 19' W. HOURLY VALUES June 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	12	2	12	3	12	3	8	4·5	8	3	8	4·5	6	7·5	6	7·5	5	6·5	4	14	5	12	7	15
2	9	5·5	9	3	9	3	9	4	9	4·5	9	5·5	9	6·5	8	12	10	12	10	14	12	12	10	14
3	8	7·5	8	5·5	8	5·5	8	3	8	2	8	2	8	2	8	2	8	4	26	5·5	26	5·5	23	6·5
4	19	1·5	19	3	19	4	19	4·5	17	5·5	28	3	28	6·5	17	8·5	21	13	19	17	20	20	21	18
5	23	10·5	23	12	29	10·5	30	8·5	32	10·5	32	11	30	7·5	31	7·5	32	7·5	32	5·5	32	5·5	32	3
6	28	2	28	2	28	2	25	6·5	23	6·5	25	5·5	24	4·5	23	4·5	21	5·5	23	5·5	30	6·5	25	8·5
7	21	5·5	21	3	21	2	21	4	21	4·5	21	5·5	21	7·5	20	10·5	20	7·5	19	9·5	20	8·5	19	11
8	13	3	13	3	13	4	13	4	13	4·5	13	5·5	13	10·5	15	10·5	12	7·5	11	9·5	10	10·5	12	12
9	18	8·5	19	13	19	10·5	18	13	19	10·5	19	10·5	18	12	18	15	17	18	16	22	17	24	16	25
10	20	14	20	10·5	20	11	20	14	21	13	20	18	21	16	21	19	22	17	22	18	22	24	21	20
11	17	6·5	17	5·5	16	8·5	15	9·5	15	10·5	16	16	16	20	15	21	16	24	17	25	16	23	15	23
12	19	16	19	15	18	13	18	11	17	14	18	22	18	22	19	23	18	27	18	26	18	28	19	30
13	20	10·5	21	12	21	8·5	20	9·5	20	10·5	20	7·5	22	9·5	21	9·5	20	11	22	9·5	21	9·5	19	10·5
14	4	11	4	12	4	12	4	12	4	11	4	14	4	14	4	12	4	13	3	16	4	14	4	10·5
15	4	7·5	3	4·5	3	4	3	4	3	5·5	3	4·5	3	5·5	3	4·5	2	8·5	3	7·5	3	7·5	3	5·5
16	1	4·5	1	4·5	1	4	1	4·5	1	4	1	6·5	1	5·5	1	7·5	22	5·5	22	4	22	3	22	4
17	22	1·5	22	1·5	22	1·5	22	1·5	22	1·5	22	3	22	2	22	3	22	3	26	3	26	3	22	5·5
18	20	5·5	20	4	20	2	20	2	20	2	20	2	20	1·5	20	2	24	4	21	4·5	22	5·5	16	7·5
19	22	1·5	22	2	22	3	22	1·5	22	3	22	2	22	2	22	2	22	3	28	4	25	6·5	27	10·5
20	6	3	6	2	6	1·5	6	1·5	6	2	6	3	6	2	6	3	6	4	6	4	22	4	18	5·5
21	20	3	20	1·5	20	2	20	1·5	20	1·5	20	1·5	20	4	17	7·5	15	12	16	13	18	13	18	15
22	19	2	19	3	19	3	19	2	19	1·5	19	3	19	3	19	3	19	5·5	19	8·5	19	5·5	20	7·5
23	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	2	19	2	19	2	19	5	19	4·5
24	12	1·5	12	1·5	12	2	12	1·5	12	1·5	12	1·5	12	2	12	2	17	3	22	4·5	18	7·5	15	7·5
25	20	1·5	20	1·5	20	3	20	4	20	3	20	2	20	1·5	20	2	20	2	20	2	20	3	16	4·5
26	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	2	11	4	11	4	17	4	15	4	15	5·5
27	10	4·5	10	3	10	3	10	4	10	2	10	4	10	8·5	9	8·5	10	10·5	12	16	12	12	12	13
28	8	11	8	8·5	8	8·5	8	9·5	8	10·5	8	12	8	15	8	14	7	16	8	17	7	19	7	23
29	5	8·5	5	7·5	5	9·5	5	8·5	5	6·5	5	8·5	5	9·5	5	8·5	4	10·5	8	14	8	18	7	22
30	6	6·5	6	7·5	3	6·5	3	7·5	2	8·5	3	8·5	3	5·5	3	6·5	32	9·5	4	7·5	3	6·5	29	6·6
31																								

DAYS	1		2		3		4		5		6		7		8		9		10		11		MIDT.	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	8	14	8	12	8	11	9	6·5	12	4	12	6·5	12	5·5	10	5·5	9	9·5	9	4·5	9	4	9	4·5
2	12	9·5	[illegible]	12	7	18	9	17	9	17	8	17	8	15	8	16	8	15	8	11	8	9·5	8	6·5
3	23	4·5	24	6·5	23	7·5	20	10·5	19	10·5	19	8·5	19	4·5	19	4	19	4·5	19	5·5	19	4	19	3
4	19	15	20	16	21	20	20	20	21	20	21	18	21	14	22	14	20	15	21	15	22	14	22	12
5	28	4	28	4·5	28	4·5	28	3	28	2	28	2	28	4	28	2	28	4	28	3	28	4	28	1·5
6	24	6·5	[illegible]	9·5	26	7·5	23	6·5	21	6·5	22	7·5	19	7·5	19	7·5	20	7·5	21	4	21	5·5	21	5·5
7	18	9·5	[illegible]	12	18	10·5	16	11	16	12	17	9·5	17	5·5	17	3	17	4·5	13	5·5	13	4·5	13	3
8	13	13	[illegible]	12	13	5·5	14	8·5	7	8·5	13	8·5	17	6·5	18	7·5	18	10·5	20	10·5	18	14	18	11
9	17	25	[illegible]	29	18	30	19	23	19	23	18	22	18	23	19	19	19	18	20	14	20	12	21	13
10	20	20	[illegible]	14	21	18	20	17	22	13	21	15	20	12	21	8·5	19	10·5	18	9·5	18	9·5	17	8·5
11	16	23	[illegible]	22	17	23	19	27	18	30	19	28	18	27	19	22	19	20	19	20	19	19	19	18
12	19	26	[illegible]	27	19	25	21	17	20	14	23	14	22	14	21	12	21	11	21	12	22	12	21	12
13	19	12	[illegible]	10·5	20	10·5	2	8·5	2	6·5	3	7·5	4	6·5	8	7·5	11	6·5	11	5·5	6	10·5	4	13
14	5	12	5	11	4	12	4	11	3	10·5	4	9·5	4	8·5	2	10·5	3	10·5	4	9·5	5	9·5	4	4·5
15	32	4·5	1	6·5	1	3	1	2	1	4	1	1·5	1	2	1	2	1	2	1	2	1	3	1	4
16	21	7·5	23	8·5	4	4	32	4	22	4·5	21	4	24	6·5	22	5·5	22	2	22	4·5	22	2	22	3
17	20	5·5	[illegible]	5·5	17	5·5	22	8·5	20	6·5	20	5·5	20	6·5	20	4·5	20	4	20	2	20	3	20	2
18	22	6·5	[illegible]	8·5	24	4	24	6·5	24	4	24	4	24	1·5	24	5·5	22	7·5	24	4	22	3	22	2
19	2	10·5	[illegible]	8·5	24	7·5	26	2	26	3	26	2	2	6·5	6	5·5	6	4	6	3	6	2	6	4
20	22	6·5	[illegible]	6·5	19	7·5	19	13	20	13	20	11	20	10·5	20	7·5	20	6·5	20	4·5	20	4	20	3
21	19	15	[illegible]	15	18	15	18	14	19	14	19	10·5	19	6·5	19	4	19	4·5	19	4	19	2	19	2
22	20	7·5	[illegible]	6·5	20	6·5	17	7·5	18	10·5	18	6·5	19	3	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5
23	28	4	24	5·5	10	12	12	7·5	12	7·5	12	4	12	3	12	4	12	5·5	12	3	12	4	12	2
24	24	6·5	16	2	16	10·5	17	12	17	10·5	18	10·5	20	9·5	20	2	20	2	20	2	20	2	20	2
25	16	5·5	19	4·5	18	5·5	18	6·5	17	5·5	17	4·5	19	5·5	19	5·5	19	3	19	1·5	19	2	19	1·5
26	11	6·5	[illegible]	7·5	14	8·5	10	10·5	17	4	17	4	17	2	17	2	10	5·5	10	7·5	10	5·5	10	5·5
27	11	14	[illegible]	18	7	22	8	22	8	25	8	23	8	20	8	16	8	12	8	10·5	8	9·5	8	10·5
28	8	25	[illegible]	26	7	27	8	29	8	27	7	24	7	19	6	15	6	15	6	13	6	11	4	9·5
29	9	26	[illegible]	25	8	25	8	26	8	27	7	25	7	18	7	12	7	11	7	8·5	6	6·5	6	5·5
30	32	12	[illegible]	7·5	31	7·5	1	11	5	12	3	5·5	3	3	3	3	3	3	3	4·5	3	4	3	4·5
31																								

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2																								
3		·030	·010																					
4					·030	·250	·060																	
5	·010	·005	·005							·005								·005	·005	·005			·045	·020
6										~~·010~~														
7										~~·015~~														
8																	·145							
9																								
10										~~·005~~				·160							·005			
11						·005	·005	·010	·035			·015	·035	·025		·025								
12																·050								
13																			·015	·010	·025			
14																								
15																								
16							·090	·160								·025		·125	·160	·015				
17																								
18										~~·010~~		·165	·015	·020	·130						·270	·180		
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																	·015							
27																								
28																								
29																								
30																								
31													·015	·175	·020	·010	·015	·015	·020	·005	·020	·005		
·020	·010	·035	·015	...	·030	·255	·155	·170	·035	·005	...	·180	·065	·380	·150	·110	·175	·145	·200	·035	·320	·185	·045	·020
1	1	2	2	...	1	2	3	2	1	1	...	2	3	4	2	4	3	3	4	4	4	2	1	1

*Record defective or Instrument out of action. †Obtained from reading of Standard. ♦ Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	[illegible]	·316	·330	·340	·343	·353	·355	·349	·343	·323	·330	·321	·327	·325	·315	·344	·341	·325	·340	·309	·304	·294	·294	·291
2	[illegible]	·275	·277	·270	·270	·289	·292	·266	·264	·281	·288	·299	·310	·343	·342	·358	·330	·325	·312	·308	·320	·318	·315	·320
3	[illegible]	·348	·360	·368	·377	·383	·390	·380	·401	·358	·393	·372	·401	·381	·362	·390	·404	·417	·421	·431	·423	·409	·406	·402
4	[illegible]	·397	·388	·386	·386	·394	·411	·440	·442	·417	·401	·386	·395	·376	·400	·398	·401	·417	·396	·380	·372	·372	·408	·396
5	[illegible]	·396	·358	·347	·325	·323	·328	·322	·317	·329	·318	·347	·332	·336	·347	·352	·361	·373	·391	·368	·355	·342	·329	·328
6	[illegible]	·325	·345	·344	·342	·326	·342	·361	·356	·356	·285	·279	·289	·306	·298	·325	·354	·374	·319	·411	·415	·439	·425	·400
7	[illegible]	·365	·352	·356	·375	·385	·399	·398	*	†·408	·406	·406	·424	·434	·418	·438	·425	·410	·416	·398	·388	·375	·368	·380
8	[illegible]	·357	·364	·372	·375	·404	·419	·411	·444	·451	·456	·449	·452	·438	·480	·495	·497	·541	·525	·487	·470	·428	·410	·419
9	[illegible]	·387	·394	·379	·378	·387	·393	·393	·383	†·392	·429	·399	·427	·391	·375	·361	·381	·366	·347	·355	·365	·366	·374	·369
10	[illegible]	·353	·351	·346	·335	·330	·340	·324	·314	·298	·300	·304	·317	·378	·377	·336	·336	·328	·354	·347	·371	·379	·364	·368
11	[illegible]	·360	·377	·388	·405	·393	·382	·408	·408	·408	·409	·414	·423	·426	·444	·426	·373	·367	·360	·351	·341	·339	·337	·330
12	[illegible]	·323	·314	·329	·329	·334	·343	·327	·341	·357	·362	·361	·361	·346	·355	·436	·424	·383	·372	·372	·378	·364	·353	·340
13	[illegible]	·338	·335	·342	·350	·348	·364	·363	·387	·362	·394	·344	·349	·368	·362	·406	·394	·396	·394	·397	·388	·387	·398	·361
14	[illegible]	·312	·309	·300	·295	·292	·296	·288	·295	·301	·303	·309	·317	·301	·312	·304	·311	·317	·306	·293	·298	·272	·258	·276
15	[illegible]	·271	·273	·275	·274	·279	·283	·271	·261	·268	·272	·292	·278	·279	·294	·317	·301	·298	·320	·312	·325	·322	·326	·332
16	[illegible]	·327	·324	·337	·341	·342	·346	·373	·386	·382	·386	·399	·369	·369	·350	·397	·389	·418	·391	·391	·389	·384	·373	·371
17	[illegible]	·347	·361	·355	·362	·343	·354	·358	·378	·332	·374	·387	·356	·375	·406	·316	·356	·368	·394	·384	·389	·399	·404	·396
18	[illegible]	·375	·382	·375	·371	·373	·395	·393	·375	·391	·371	·421	·393	·405	·470	·381	·443	·447	·444	·411	·405	·390	·391	·384
19	[illegible]	·361	·358	·349	·364	·376	·389	·408	·394	·393	·404	·368	·358	·346	·382	·368	·385	·331	·387	·407	·392	·408	·393	·377
20	[illegible]	·367	·340	·340	·348	·364	·388	·398	·430	·419	·400	·434	·424	·405	·416	·414	·398	·373	·365	·347	·323	·317	·329	·323
21	[illegible]	·329	·305	·323	·325	·346	·372	·383	·391	·429	·441	·381	·440	·446	·421	·413	·424	·425	·447	·454	·427	·440	·430	·409
22	[illegible]	·377	·368	·358	·367	·391	·404	·419	·395	·427	·420	·409	·399	·437	·433	·479	·455	·477	·485	·501	·481	·512	·479	·471
23	[illegible]	·424	·421	·440	·452	·453	·480	·425	·452	·499	·505	·508	·525	·534	·500	·528	·532	·546	·572	·576	·558	·566	·540	·498
24	[illegible]	·495	·481	·451	·470	·480	·496	·517	[illegible]	·513	·524	·506	·519	·635	·552	·516	·546	·498	·494	·508	·523	·534	·541	·533
25	[illegible]	·523	·538	·522	·526	·524	·534	†·531	†·516	†·457	·518	·497	·549	·529	·532	·531	·545	·567	·523	·505	·537	·522	·529	·494
26	[illegible]	·478	·463	·460	·454	·506	·534	·546	·623	·635	·643	·624	·605	·586	·621	·587	·646	·632	·634	·664	·609	·580	·589	·608
27	[illegible]	·565	·554	·547	·546	·576	·585	·554	·578	·500	·506	·548	·543	·486	·521	·454	·512	·495	·509	·514	·477	·508	·526	·525
28	[illegible]	·502	·502	·498	·498	·499	·515	·539	·540	·518	·532	·510	·491	·452	·451	·430	·468	·479	·467	·462	·470	·434	·423	·425
29	[illegible]	·406	·406	·414	·425	·445	·471	·478	·500	·497	·413	·390	·415	·405	·399	·372	·339	·358	·343	·362	·351	·371	·393	·393
30	[illegible]	·393	·389	·425	·437	·451	·462	·469	·462	·474	·488	·504	·487	·484	·506	·512	·502	·495	·520	·519	·513	·500	·449	·446
31																								

VALENCIA OBSERVATORY LAT. 51°55' N LONG. 10°18' W — HOURLY VALUES July 1878.

BAROMETER. CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.901	29.893	29.885	29.878	29.877	29.883	29.882	29.885	29.880	29.878	29.878	29.877	29.876	29.867	29.858	29.862	29.880	29.884	29.881	29.879	29.882	29.884	29.886	29.880	1
2	29.875	29.879	29.878	29.879	29.885	29.892	29.896	29.899	29.907	29.921	29.923	29.940	29.943	29.952	29.957	29.956	29.958	29.972	29.981	30.000	30.008	30.023	30.028	30.030	2
3	30.032	30.034	30.033	30.039	30.052	30.067	30.078	30.099	30.099	30.112	30.121	30.129	30.136	30.139	30.143	30.138	30.142	30.148	30.149	.149	.149	.165	.158	30.156	3
4	30.148	30.138	30.126	30.114	30.108	30.102	30.099	30.099	30.096	30.087	30.078	30.081	30.070	30.062	30.051	30.045	30.030	30.024	30.017	30.022	30.020	30.011	30.000	29.986	4
5	29.985	29.968	29.956	29.943	29.935	29.930	29.921	29.932	29.931	29.941	29.935	29.937	29.930	29.931	29.923	29.920	29.919	29.927	29.943	29.969	29.984	29.995	29.990	29.988	5
6	29.988	29.985	29.984	29.981	29.985	29.996	29.997	30.003	30.004	30.009	30.009	30.020	30.019	30.037	30.041	30.040	30.043	30.043	30.048	30.053	30.052	30.059	30.055	30.058	6
7	30.053	30.049	30.047	30.046	30.048	30.049	30.036	.033	.031	.024	.006	.002	29.992	29.981	29.970	29.966	29.962	29.968	29.974	29.975	29.990	.020	.037	.069	7
8	.098	.109	.125	.153	.166	.187	.205	.220	.229	.242	.249	.260	30.265	30.267	30.257	30.254	30.243	30.242	30.241	30.231	30.218	.201	.185	.171	8
9	.142	.123	.118	.121	.120	.120	.121	.127	.111	.121	.113	.117	.116	.113	.106	.098	.087	.087	.085	.090	.095	.100	.109	.094	9
10	.088	.086	.076	.076	.068	.066	.076	.090	.097	.103	.096	.101	.115	.108	.115	.111	.106	.109	.097	.107	.106	.115	.111	.112	10
11	.106	.090	30.076	30.067	30.062	30.068	30.066	30.077	30.082	30.088	30.083	30.083	30.078	30.074	30.072	30.060	30.064	30.049	30.046	30.045	30.054	30.053	30.047	30.040	11
12	30.027	30.005	29.983	29.971	29.960	29.944	29.926	29.917	29.908	29.895	29.882	29.864	29.847	29.832	29.821	29.806	29.807	29.805	29.804	29.817	29.830	29.849	29.857	29.873	12
13	29.887	29.904	29.909	29.928	29.950	29.982	30.003	30.032	30.036	30.048	30.059	30.071	30.083	30.091	30.104	30.102	30.103	30.113	30.125	30.146	30.159	30.169	30.175	30.188	13
14	30.190	30.192	30.192	30.197	30.202	30.217	.225	.239	.244	.243	.250	.257	.264	.267	.270	.276	.279	.285	.296	.307	.310	.319	.320	.324	14
15	.322	.316	.310	.314	.319	.328	.335	.332	.334	.346	.348	.342	.347	.341	.342	.335	.337	.335	.329	.341	.347	.348	.347	.347	15
16	.345	.345	.340	.334	.337	.342	.349	.360	.367	.373	.371	.373	.369	.363	.356	.352	.353	.352	.356	.361	.372	.373	.366	.366	16
17	.367	.363	.362	.362	.357	.352	.359	.365	.374	.373	.380	.387	.376	.372	.361	.355	.351	.358	.361	.368	.389	.402	.409	.410	17
18	.408	.399	.384	.389	.391	.402	.405	.415	.419	.416	.412	.409	.408	.405	.398	.387	.383	.376	.370	.374	.372	.371	.366	.356	18
19	.345	.329	.318	.304	.296	.298	.298	.294	.285	.272	.265	.253	.236	.217	.199	.178	.165	.165	.158	.164	.159	.165	.158	.149	19
20	.138	.118	.107	.096	.097	.101	.089	.082	.073	.083	.077	.071	.067	.070	.062	.050	.048	.055	.053	.056	.058	.062	.049	.062	20
21	.053	.053	.041	.042	.031	.027	.034	.040	.042	.039	.040	.037	.040	.036	.031	.042	.038	.033	.040	.051	.057	.066	30.064	.067	21
22	30.063	30.055	30.054	30.056	30.056	30.052	30.054	30.055	30.056	30.057	30.056	30.050	30.048	30.042	30.028	30.020	30.011	30.006	30.006	30.009	30.009	30.010	29.999	30.000	22
23	29.979	29.953	29.945	29.943	29.928	29.911	29.916	29.906	29.897	29.880	29.885	29.873	29.856	29.839	29.812	29.802	29.787	29.788	29.794	29.801	29.802	29.814	.806	29.807	23
24	.801	.800	.797	.806	.801	.811	.810	.817	.824	.831	.840	.844	.850	.849	.846	.846	.841	.845	.848	.855	.859	.864	.869	.871	24
25	.866	.846	.830	.818	.813	.812	.794	.800	.797	.799	.793	.784	.766	.770	.756	.753	.756	.761	.778	.785	.801	.812	.824	.834	25
26	.841	.840	.843	.840	29.842	29.848	29.849	29.839	29.827	29.806	29.790	29.779	29.786	29.792	29.789	29.783	29.803	29.841	29.872	.898	.922	.948	.965	.975	26
27	.982	.989	.991	.989	30.008	30.017	30.022	30.031	30.040	30.046	30.050	30.049	30.050	30.054	30.042	30.024	30.015	30.013	30.000	.986	.980	.963	.945	.934	27
28	29.913	29.879	29.862	29.854	29.842	29.827	29.824	29.832	29.833	29.838	29.845	29.853	29.852	29.851	29.858	29.862	29.865	29.886	29.904	29.928	29.946	29.961	29.974	29.990	28
29	30.002	30.008	30.015	30.027	30.044	30.060	30.064	30.086	30.100	30.096	30.104	30.105	30.107	30.114	30.113	30.113	30.118	30.123	30.131	30.148	30.160	30.171	30.169	30.175	29
30	.176	.178	.176	.186	.196	.205	.223	.224	.228	.231	.226	.233	.229	.237	.239	.241	.240	.251	.266	.277	.295	.309	.303	.304	30
31	30.300	30.300	30.295	30.290	30.284	30.289	30.290	30.295	30.285	30.291	30.289	30.285	30.283	30.273	30.268	30.260	30.249	30.248	30.252	30.261	30.264	30.265	30.260	30.261	31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	55.5	56.5	55.5	55.0	54.7	55.3	56.9	59.0	60.9	63.2	63.6	61.4	67.0	68.3	67.8	66.5	62.6	61.4	61.3	61.0	60.3	59.7	58.0	56.9
2	56.4	54.3	54.2	53.6	54.1	55.0	56.7	58.5	61.4	64.2	65.8	66.9	68.0	68.6	68.9	66.2	65.6	64.0	63.9	61.9	59.7	58.4	57.9	57.0
3	56.9	55.6	54.6	53.8	53.2	54.3	56.6	58.0	59.5	60.0	61.3	60.5	61.9	61.9	62.1	61.4	61.4	62.9	61.0	61.4	58.2	54.7	54.6	53.7
4	53.2	54.5	56.0	55.7	57.7	58.9	...	*	...	†61.0	61.9	63.2	64.3	65.1	67.2	66.5	65.2	63.9	64.1	62.5	62.3	62.2	62.4	62.3
5	62.7	62.5	62.1	61.9	61.8	62.0	62.5	62.6	62.5	62.5	63.0	62.7	62.8	63.0	62.3	62.0	62.2	62.1	60.4	59.6	58.7	59.0	59.6	59.6
6	59.4	59.5	59.6	59.4	59.8	59.8	60.0	60.6	62.0	62.5	63.5	62.6	64.4	62.4	63.6	63.0	63.2	61.8	61.0	60.4	60.0	59.8	59.6	58.7
7	58.9	59.2	58.9	59.1	59.0	59.2	59.7	60.2	60.6	60.8	60.9	61.1	61.6	61.4	62.9	60.4	61.9	61.9	60.3	59.7	59.6	59.9	60.3	60.3
8	60.2	59.9	59.6	58.6	58.9	58.9	59.9	60.0	61.2	61.4	60.7	60.5	61.4	60.8	61.1	60.4	59.6	59.5	59.6	58.7	58.7	58.7	58.9	58.7
9	59.4	59.7	59.3	58.8	58.0	58.3	58.6	59.2	60.2	60.7	62.0	61.7	61.0	61.3	60.7	60.3	59.1	58.6	58.9	57.6	57.1	56.8	57.4	57.0
10	57.1	57.7	56.6	56.9	57.1	57.2	57.4	58.3	58.5	58.4	59.3	60.3	58.7	60.0	59.3	58.4	58.4	58.2	58.0	57.7	55.8	56.3	57.1	56.9
11	57.1	56.5	56.9	57.1	56.8	56.9	57.3	57.8	58.7	59.3	59.1	60.9	61.8	61.6	62.0	63.0	61.1	59.8	59.5	58.9	58.9	58.7	58.3	58.3
12	58.2	58.8	59.1	58.8	58.8	59.2	59.8	60.1	60.5	61.0	61.8	62.0	62.0	62.1	61.2	62.0	61.1	60.9	60.4	59.5	59.5	60.4	61.0	60.9
13	60.2	60.0	59.5	58.9	57.7	57.4	59.0	60.2	60.7	63.3	64.0	65.4	65.4	66.7	66.3	65.9	66.6	65.9	64.0	62.8	66.1	58.6	59.4	57.9
14	57.6	56.7	55.9	56.6	55.7	56.7	57.8	58.4	57.1	60.0	61.6	61.4	60.7	61.3	61.4	59.6	59.4	59.0	58.9	58.6	58.3	58.0	58.1	58.0
15	58.0	57.7	57.9	57.6	57.8	57.5	58.8	59.7	61.4	61.7	61.9	61.7	62.9	62.8	63.3	62.3	61.6	61.5	60.9	60.3	60.0	59.9	59.9	60.2
16	60.2	60.2	59.8	59.3	59.0	59.4	59.9	60.4	61.0	61.5	62.2	63.2	67.3	69.0	69.0	68.2	65.0	63.0	60.9	60.3	59.4	59.3	59.1	58.5
17	58.5	58.5	58.5	58.7	59.2	59.5	60.0	61.6	62.5	65.0	63.0	63.4	64.9	65.6	66.0	67.2	66.6	66.2	68.7	64.9	62.7	62.0	62.2	61.4
18	60.6	60.4	59.3	58.6	57.9	59.3	60.8	64.6	67.1	69.1	70.9	72.4	71.0	72.1	72.6	†74.0	71.0	...	*	*	...	68.6	68.9	68.3
19	67.7	67.2	67.4	65.8	66.7	64.6	65.3	67.0	70.4	72.7	73.3	75.6	†76.5	77.1	75.0	73.6	72.0	70.0	69.1	66.9	64.6	64.8	64.6	63.7
20	62.8	61.9	61.6	60.9	60.4	60.6	62.0	64.0	70.1	72.5	73.8	73.2	†73.0	†75.2	†73.7	†72.7	72.1	†73.0	72.9	69.6	67.0	65.6	66.9	65.3
21	64.3	63.7	64.6	64.0	63.7	63.9	65.3	67.6	70.5	70.1	74.0	76.3	75.0	75.9	76.3	75.9	73.5	72.4	71.2	70.2	68.6	66.4	66.2	66.1
22	65.1	63.9	62.7	61.8	61.4	61.9	63.8	66.0	68.2	71.9	73.3	74.8	75.6	77.4	76.7	78.4	77.9	78.6	77.9	74.6	69.3	66.9	64.7	63.1
23	63.1	61.3	61.2	62.0	62.0	62.0	63.4	65.1	66.3	67.0	66.5	67.6	66.7	67.0	67.5	68.6	65.7	60.8	61.6	60.8	66.3	60.2	59.8	59.5
24	60.0	59.2	59.8	58.8	58.0	58.2	60.0	61.3	61.2	61.7	61.2	62.8	62.8	62.5	63.1	63.9	63.1	61.8	61.9	60.8	58.4	58.3	57.5	57.1
25	56.1	54.9	52.8	52.8	52.4	54.5	57.5	59.0	61.2	60.8	62.1	61.3	61.8	61.5	61.7	62.9	62.1	61.1	61.8	60.1	59.3	59.7	59.2	59.9
26	60.0	60.0	60.0	60.0	59.6	59.4	59.9	60.0	60.7	61.2	62.9	63.4	62.9	67.4	61.7	61.9	64.5	63.4	61.8	60.8	60.3	60.3	60.2	59.8
27	59.5	59.8	60.1	60.0	59.8	59.0	58.6	60.1	62.0	62.7	63.4	63.0	63.4	61.3	62.5	62.6	62.4	63.0	61.6	60.4	60.3	60.0	58.7	58.7
28	57.8	57.8	58.5	58.2	58.6	58.6	59.2	59.1	60.2	61.1	62.5	61.4	61.8	63.2	63.8	63.1	62.6	62.7	62.0	61.4	61.1	60.7	60.0	59.7
29	57.5	55.8	54.4	52.8	54.0	55.5	58.0	60.7	63.3	64.6	65.7	67.2	68.0	66.9	68.7	67.4	66.6	66.9	64.1	61.7	59.3	58.7	58.6	57.7
30	58.0	56.7	55.7	55.0	55.3	54.4	56.7	57.8	62.1	63.6	65.6	67.1	67.5	67.8	69.2	69.2	69.2	68.4	67.7	64.0	60.8	58.9	57.0	55.7
31	56.0	56.0	54.8	53.9	53.9	55.3	57.0	59.2	65.0	65.9	68.6	70.3	71.8	72.9	75.0	75.2	75.4	74.0	72.0	65.7	63.1	61.0	60.0	61.8

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
54.6	55.8	54.9	54.3	53.6	54.7	56.2	57.6	59.0	58.3	59.1	58.6	61.6	61.6	61.3	61.0	60.5	60.4	60.4	59.8	58.6	57.9	56.9	56.0	1
55.4	53.9	53.8	53.2	53.6	54.6	56.3	57.6	59.4	59.5	58.6	60.3	60.3	60.4	61.0	59.9	59.6	58.7	58.0	57.2	56.9	56.5	55.7	55.4	2
55.6	54.0	52.3	51.7	51.4	52.4	53.5	53.6	55.1	55.5	56.3	55.7	57.1	56.6	56.9	56.0	55.9	57.5	55.9	56.9	54.9	52.6	52.7	52.3	3
57.1	53.1	54.4	54.2	55.8	56.9	57.8	58.7	59.3	59.9	60.9	61.7	62.1	62.3	62.9	62.3	62.0	61.2	61.3	61.0	61.0	60.9	60.9	60.9	4
61.0	61.0	61.1	61.0	61.2	61.3	61.5	61.4	61.3	61.3	61.9	61.8	61.9	62.0	61.6	61.4	61.5	61.1	59.5	57.1	56.9	57.0	57.8	57.9	5
57.9	57.7	58.1	57.8	57.3	57.7	58.0	58.6	59.1	59.6	*	59.6	60.7	59.6	60.8	59.9	60.3	59.3	59.1	59.1	59.0	58.9	58.8	58.3	6
58.3	58.8	58.0	58.3	58.3	58.7	59.0	59.6	59.6	59.9	60.1	60.4	60.7	60.9	61.7	60.3	60.6	60.6	59.6	59.1	59.3	59.6	59.6	59.4	7
59.0	58.4	57.9	57.0	56.9	57.0	57.2	57.2	58.3	57.7	57.1	56.9	58.0	57.3	58.0	57.6	57.7	57.1	57.6	56.9	56.8	56.9	57.9	57.9	8
59.1	59.5	59.3	58.7	57.6	56.7	56.8	57.0	57.0	57.7	58.7	58.1	57.1	58.3	56.9	56.7	55.7	56.0	55.7	55.3	55.3	54.7	54.6	54.5	9
54.0	53.6	54.3	53.2	54.3	54.0	53.6	54.0	54.3	54.9	55.7	56.3	55.3	55.7	55.1	55.1	54.9	54.9	54.0	54.4	54.2	53.9	53.3	53.7	10
54.3	54.3	54.7	54.7	54.4	53.7	54.1	54.3	54.1	54.9	54.9	57.1	57.9	57.7	58.4	59.0	58.8	58.9	58.8	58.4	58.2	58.2	57.9	57.9	11
57.9	58.4	58.0	58.7	58.8	59.0	59.7	59.9	60.3	60.7	61.4	61.6	61.6	61.5	60.5	60.9	60.2	59.9	59.3	58.7	59.0	59.7	60.0	59.6	12
59.0	58.6	58.1	57.3	55.5	54.3	54.4	56.3	55.7	58.1	58.9	59.6	60.0	60.2	61.2	61.6	61.1	60.6	59.6	58.1	56.9	56.4	56.1	56.1	13
55.6	55.1	54.7	55.3	53.9	54.7	55.1	54.2	54.2	54.7	56.0	55.8	55.8	56.3	56.7	55.7	54.8	54.9	54.0	54.0	54.3	54.6	54.9	54.9	14
54.9	55.4	55.7	55.6	55.7	56.4	57.0	57.0	58.1	58.6	59.1	58.9	60.1	59.3	59.0	59.6	59.2	59.4	58.9	58.6	58.6	58.7	59.1	59.6	15
59.7	59.9	59.6	58.9	58.3	58.4	58.9	59.0	59.3	59.6	60.1	60.6	64.0	64.8	64.1	63.0	62.2	60.9	59.7	59.2	58.6	58.3	57.6	57.1	16
57.2	57.0	57.2	57.0	57.4	57.1	57.7	58.8	59.1	59.6	60.2	60.5	62.0	62.5	62.7	63.5	63.2	63.0	64.7	62.2	61.1	60.9	61.1	66.3	17
59.8	59.7	58.5	58.0	57.3	58.7	60.2	63.0	64.7	65.7	66.7	67.4	66.8	67.2	66.9	68.4	66.4	66.3	67.4	67.7	66.2	66.6	66.4	65.9	18
66.0	65.6	65.8	64.4	65.6	63.6	64.3	65.3	66.8	67.0	67.6	69.2	69.4	69.8	69.9	68.7	67.4	66.7	65.7	64.2	62.9	63.3	63.3	62.9	19
61.7	61.0	60.9	60.3	60.0	60.3	61.4	63.2	66.8	67.7	*	†69.1	*	†68.6	*	†68.2	*	66.9	67.2	65.8	64.1	63.8	63.7	63.3	20
62.7	62.2	63.0	62.9	62.9	63.1	64.4	*	*	65.9	69.0	69.8	69.2	70.1	69.7	69.5	68.2	68.0	66.9	65.7	64.8	63.9	63.2	63.0	21
63.0	61.9	60.9	60.5	60.2	61.0	62.3	63.7	64.9	65.3	66.1	66.5	67.6	69.3	69.3	69.4	69.6	69.8	68.9	69.0	65.9	64.2	62.9	61.6	22
61.9	60.0	60.9	61.6	61.0	61.4	62.3	63.2	64.3	63.7	63.4	63.9	63.7	63.9	64.4	64.4	63.9	59.7	59.2	57.9	57.6	57.8	57.5	57.1	23
57.0	56.8	57.4	55.9	55.0	55.0	56.3	57.7	56.3	56.9	58.1	58.5	57.3	56.3	57.7	57.7	58.0	57.8	57.2	56.9	55.1	54.7	54.2	54.3	24
53.2	52.0	50.6	50.8	51.3	52.7	55.0	55.6	56.3	56.0	57.4	58.3	59.4	59.6	60.1	60.7	60.9	59.2	59.6	58.7	58.2	58.0	57.7	57.4	25
57.1	56.9	57.5	56.8	57.3	58.4	58.8	59.6	60.6	61.0	62.7	62.9	62.2	61.6	61.1	61.5	62.7	61.6	60.2	59.0	58.0	57.7	57.4	57.9	26
57.9	58.1	58.3	57.7	58.0	57.7	55.9	56.7	57.7	57.9	58.0	58.4	61.0	59.9	60.7	60.3	59.7	60.4	59.8	58.9	59.0	58.3	57.9	57.4	27
57.1	57.0	56.9	57.0	56.9	56.6	56.6	56.6	57.3	57.6	58.8	57.9	58.3	59.2	59.8	59.2	58.6	58.2	57.3	57.0	56.2	56.1	56.2	55.6	28
54.9	52.7	51.2	50.5	51.1	53.0	54.9	56.1	56.9	56.8	57.7	58.0	59.3	59.2	59.6	59.3	58.9	59.7	59.6	58.0	56.3	55.8	55.8	55.0	29
55.0	54.7	53.6	52.9	53.1	53.0	55.4	55.8	58.1	57.4	58.0	59.5	59.9	60.4	61.0	61.3	61.3	60.9	61.2	58.9	57.6	56.7	56.2	54.5	30
54.4	54.3	53.0	53.0	52.5	52.7	55.4	56.4	58.0	59.1	60.9	61.8	62.5	63.8	66.9	65.7	65.4	66.0	65.8	62.7	60.2	58.3	56.6	57.1	31

* Record defective or Instrument out of action. † Reading of Standard. * Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55' N. LONG: 10°18' W.

HOURLY VALUES July 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1		2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	28	1·5	28	1·5	28	2	28	1·5	29	3	30	1·5	30	3	32	2	32	4	31	4·5	31	8·5	31	11	31	6·5	32	2	13	1	13	4	6·5	10	1·5	10	1·5	10	1·5	5	4·5	5	1·5	5	2	5	2	1
2	5	2	5	1·5	5	1·5	5	2	5	1·5	5	2	5	1·5	5	2	5	2	4	6·5	4	6·5	2	12	4	11	1	1	10·5	30	12	30	12	30	14	32	14	32	9·5	32	6·5	32	11	32	10·5	32	5·5	2
3	31	8·5	31	10·5	1	8·5	1	8·5	1	2	1	3	1	8·5	1	9·5	2	6·5	31	8·5	29	13	28	16	30	14	27	10·5	28	12	28	10·5	28	8·5	28	7·5	28	1·5	28	2	28	2	28	1·5	28	1·5	3
4	28	1·5	28	6·5	15	10·5	15	7·5	15	9·5	15	11	16	13	15	16	17	23	17	23	17	27	18	28	18	34	18	33	18	32	17	32	18	30	17	29	18	31	18	30	17	30	16	29	17	31	4
5	17	36	17	36	17	35	16	35	17	37	17	37	17	40	17	42	17	43	17	40	17	45	17	43	17	40	17	44	18	43	18	38	19	36	21	30	22	22	23	1·4	23	6·5	23	10·5	22	14	22	14	5
6	22	10·5	21	13	22	18	22	15	21	14	20	16	21	14	21	16	21	16	21	18	21	20	22	20	21	20	20	22	22	19	23	20	22	19	23	16	22	12	22	14	22	11	22	12	22	12	22	12	6
7	22	10·5	22	10·5	22	12	23	10·5	23	8·5	23	7·5	23	10·5	22	13	22	16	21	16	20	20	19	20	18	10	18	21	13	22	18	24	14	24	14	25	11	27	11	28	11	30	10·5	1	12	1	12	7
8	2	9·5	1	9·5	2	10·5	2	10·5	32	13	32	14	31	13	31	10·5	31	12	30	9·5	29	9·5	29	9·5	28	6	28	7	25	8·5	25	10·5	25	8·5	24	9·5	22	9·5	22	10·5	21	12	18	12	19	14	19	14	8
9	21	16	21	16	23	14	24	13	25	13	26	14	27	14	25	13	25	15	25	14	25	17	26	15	27	17	26	13	24	16	27	16	27	16	28	15	26	17	27	14	28	12	27	15	28	16	28	14	9
10	28	11	27	13	27	14	28	10·5	27	10·5	27	14	27	16	27	16	27	17	28	14	28	18	27	15	28	15	27	12	27	16	27	17	27	14	28	12	27	14	25	12	26	14	26	12	27	13	27	12	10
11	27	14	26	16	27	18	26	17	27	20	27	17	28	12	26	14	28	15	28	15	28	15	27	12	28	16	28	12	28	12	27	13	27	11	28	9·5	27	12	27	12	27	10·5	27	12	28	8·5	28	9·5	11
12	27	7·5	27	4	24	7·5	24	6·5	22	10·5	22	6·5	14	3	21	15	21	14	22	12	22	10·5	19	16	18	20	15	21	10·5	22	11	22	10·5	22	8·5	24	3	25	4	30	4·5	32	8·5	4	10	4	17	12
13	4	20	3	18	5	17	4	14	3	17	3	14	5	16	3	14	5	16	2	15	2	23	2	20	1	20	1	20	30	16	31	18	31	16	30	16	31	16	32	12	32	6·5	32	9·5	32	10·5	13
14	31	4·5	1	5·5	1	6·5	1	9·5	1	9·5	1	7·5	1	9·5	1	12	31	13	30	12	31	14	31	14	32	14	31	11	30	11	31	13	31	14	31	13	31	10·5	1	10·5	1	9·5	32	9·5	32	9·5	31	8·5	14
15	32	7·5	32	6·5	1	8	31	6·5	31	5·5	30	4	30	4·5	30	4	28	5·5	28	6·5	29	11	29	6·5	28	10·5	28	12	27	9·5	29	9·5	27	9·5	28	11	30	10·5	31	7·5	30	7·5	30	5·5	30	1·5	30	1·5	15
16	30	2	30	2	30	6·5	30	5·5	30	3	30	5	30	3	32	3	1	3	1	3	30	3	30	3	10	4·5	6	21	8·5	30	10·5	22	11	21	8·5	20	4·5	21	5·5	23	4·5	32	2	32	1·5	32	2	16
17	30	1·5	30	1·5	30	3	30	3	30	1·5	27	3	✳	4·5	32	6·5	32	5·5	30	8·5	30	10·5	29	12	30	13	30	11	30	14	30	16	30	16	30	11	30	9·5	31	10·5	31	14	31	15	32	8·5	32	1·5	17
18	32	1·5	32	2	32	1·5	32	1·5	32	1·5	32	1·5	32	1·5	3	4	32	2	32	4·5	1	8·5	1	6·5	26	4·5	31	7·5	1	7·5	31	12	31	6·5	32	1·5	32	1·5	22	1·5	22	1·5	22	1·5	22	1·5	18
19	22	1·5	22	1·5	22	1·5	13	1·5	13	1·5	13	1·5	13	1·5	13	2	2	4	2	6·5	1	6·5	1	5·5	1	4·5	6	20	14	21	14	23	16	24	16	24	12	25	6·5	25	2	25	1·5	25	1·5	25	1·5	19
20	25	1·5	25	1·5	25	1·5	25	1·5	25	1·5	3	2	4	1·5	4	1·5	2	5·5	2	7·5	6	4·5	22	11	22	6	9	9·5	29	14	30	14	31	11	1	9·5	1	9·5	31	13	30	14	1	9·5	1	9·5	2	2	20
21	26	2	26	2	26	1·5	26	1·5	26	2	28	2	29	4	1	6·5	1	7·5	5	13	2	16	2	14	31	16	26	32	16	6	10·5	30	6·5	29	12	31	10·5	30	10·5	31	5·5	31	2	2	4·5	1	8·5	21
22	1	3	25	3	23	4·5	23	2	23	1·5	23	3	23	1·5	23	3	23	5·5	32	6·5	31	9·5	30	9·5	31	8·5	30	5·5	29	6·5	29	5·5	30	6·5	36	3	23	2	23	1·5	1	1·5	2	2	21	1·5	21	1·5	22
23	21	1·5	21	3	23	9·5	24	6·5	24	2	24	6·5	24	8·5	22	6·5	16	4·5	23	8·5	19	14	15	16	14	16	17	18	15	16	17	18	18	20	26	21	26	16	27	13	27	16	27	14	27	12	27	14	23
24	27	1·5	28	1·3	27	1·5	27	1·5	28	1·2	28	10·5	27	11	27	1·5	26	1·8	27	1·2	28	1·6	28	1·5	28	1·9	27	1·7	27	1·5	28	1·7	28	1·7	28	1·5	28	1·7	28	11	28	10·5	29	10·5	29	8·5	29	8·5	24
25	29	8·5	29	8·5	29	4·5	28	4	28	2	28	3	28	4	28	6·5	20	7·5	18	11	17	10·5	15	13	14	17	20	14	20	21	12	25	14	27	18	25	18	27	14	27	20	27	16	27	17	26	17	25
26	26	16	26	18	26	16	27	15	27	11	27	14	26	10·5	25	7·5	22	9·5	21	10·5	21	20	23	23	24	22	25	24	24	25	24	29	16	30	16	29	14	29	14	30	12	29	9·5	30	9·5	29	7·5	26
27	29	9·5	29	6·5	29	8·5	30	7·5	30	7·5	30	9·5	2	13	4	10·5	5	7·5	6	9·5	6	4·5	2	4	14	4·5	16	3	12	4	10	7·5	13	6·5	13	6·5	11	6·5	10	4	10	8·5	10	12	9	11	27
28	9	1·6	8	1·7	9	1·6	8	1·5	8	1·6	9	2·0	8	2·0	8	2·0	8	1·7	8	1·4	6	1·2	7	1·8	8	2·2	8	2·3	7	2·7	9	2·9	8	1·9	8	1·6	4	1·0·5	7	1·5	9	1·7	7	1·3	7	6·5	28
29	7	2	7	1·5	7	1·5	7	1·5	7	1·5	7	1·5	7	2	7	3	32	5·5	6	10·5	2	1·5	3	1·5	2	1·4	32	1·2	32	1·2	30	1·2	31	1·1	32	9·5	32	9·5	1	5·5	1	4·5	1	3	1	2	2	3	29
30	2	6·5	2	1·5	2	1·5	2	2	2	2	2	1·5	2	1·5	2	2	2	3	31	5·5	1	10·5	1	1·2	1	9·8	31	8·5	31	10·5	30	9·5	30	4	24	6·5	25	3	27	2	27	1·5	27	1·5	27	1·5	27	1·5	30
31	27	3	31	2	31	1·5	31	1·5	31	1·5	31	1·5	31	1·5	31	1·5	8	8·5	12	14	13	10·5	14	14	15	18	14	14	14	15	14	14	15	15	13	15	11	15	6·5	14	9·5	9	7·5	6	9·5	7	10·5	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.100	.005	.005	.	.	.	.	1
2	.	.	.002	.002	.002	.002	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.030	.013	.	.007	.003	.002	.	.	.	.020	.010	.008	.017	.015	.005	.	.	.	.	.	.	.	5
6	.	.	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	6
7	.008	.010	.005	.	.	.	.	.	.	.025	.036	.030	.	.003	.	.017	.002	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.028	.004	.018	.010	.008	.012	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.002	.010	.002	.	11
12	.	.	.009	.003	.018	.089	.100	.143	.057	.	.065	.055	.008	.002	.	.	.	.	.	.008	.017	.003	.	.	12
13	.	.091	.091	.091	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.018	.003	.005	.004	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.007	.001	25
26	.001	.001	.001	.001	.001	.001	.001	.002	.004	.048	.030	.005	.002	.008	.035	.	.	.002	.	.	.	.	.	.	26
27	.002	.	.	.	.003	.	.	.	.	.	.	.032	.020	.003	.	.	.	.	.	.005	.	.020	.048	.052	27
28	.152	.153	.007	.050	.113	.003	.	.002	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31
	.191	.169	.043	.080	.144	.117	.108	.149	.071	.078	.130	.110	.052	.041	.025	.032	.027	.120	.008	.025	.053	.040	.051	.083	

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.436	.421	.412	.403	.420	.442	.455	.472	.421	.439	.452	.471	.454	.452	.459	.496	.510	.512	.496	.468	.454	.448	.436	1
2	.410	.409	.400	.405	.421	.448	.463	.477	.443	.398	.434	.421	.417	.430	.429	.428	.423	.404	.406	.424	.430	.414	.417	2
3	.396	.361	.355	.355	.367	.370	.357	.378	.382	.388	.382	.403	.389	.395	.379	.377	.402	.381	.403	.387	.369	.372	.373	3
4	.385	.402	.401	.419	.438	...	✳	.482	.500	.519	.527	.524	.519	.509	.500	.507	.500	.501	.513	.516	.514	.511	.513	4
5	.503	.522	.522	.530	.531	.531	.526	.523	.523	.537	.539	.540	.540	.537	.534	.536	.523	.496	.431	.438	.436	.453	.466	5
6	.458	.451	.462	.455	.457	.447	.453	.464	.450	.469	✳	.467	.477	.470	.492	.471	.481	.468	.473	.482	.485	.485	.485	6
7	.490	.469	.476	.477	.487	.490	.502	.496	.503	.508	.515	.517	.527	.532	.522	.500	.509	.500	.493	.501	.507	.500	.493	7
8	.467	.456	.442	.435	.438	.430	.429	.446	.426	.417	.414	.434	.422	.438	.435	.460	.433	.447	.438	.435	.438	.466	.469	8
9	.507	.506	.493	.470	.437	.436	.433	.420	.434	.447	.434	.413	.444	.411	.411	.408	.412	.400	.406	.413	.400	.390	.394	9
10	.380	.391	.357	.384	.375	.363	.363	.366	.385	.395	.399	.392	.387	.380	.391	.385	.387	.367	.380	.399	.384	.358	.370	10
11	.392	.398	.396	.391	.370	.377	.377	.361	.374	.376	.414	.426	.423	.439	.443	.463	.485	.486	.482	.476	.479	.474	.474	11
12	.498	.486	.474	.496	.497	.511	.513	.521	.527	.538	.542	.542	.538	.517	.517	.509	.502	.489	.483	.493	.502	.503	.492	12
13	.472	.463	.447	.411	.381	.364	.401	.379	.414	.428	.430	.442	.433	.467	.465	.460	.453	.449	.420	.419	.425	.405	.425	13
14	.412	.412	.420	.392	.401	.398	.367	.368	.362	.376	.374	.382	.388	.401	.392	.371	.377	.355	.359	.371	.383	.389	.390	14
15	.408	.414	.416	.416	.440	.439	.427	.437	.448	.460	.457	.478	.455	.439	.471	.468	.476	.460	.467	.472	.477	.490	.502	15
16	.512	.508	.492	.477	.474	.484	.479	.480	.483	.487	.490	.544	.544	.520	.495	.517	.503	.495	.487	.481	.473	.464	.447	16
17	.504	.460	.441	.445	.435	.444	.456	.463	.462	.480	.485	.512	.519	.519	.529	.528	.526	.546	.519	.514	.517	.521	.507	17
18	.602	.479	.473	.461	.485	.513	.550	.572	.575	.587	.590	.589	.587	.570	.603	.574	...	✳	✳	.608	.618	.604	.596	18
19	.604	.609	.582	.612	.5·2	.586	.596	.599	.572	.585	.610	.605	.611	.646	.620	.5·2	.602	.575	.556	.547	.558	.561	.562	19
20	.622	.624	.618	.612	.619	.634	.567	.604	.600	✳	.642	✳	.595	✳	.615	✳	.566	.576	.573	.553	.563	.540	.550	20
21	.537	.550	.557	.562	.566	.590	✳	.577	.571	.625	.622	.620	.639	.618	.617	.603	.612	.589	.563	.561	.555	.553	.528	21
22	.524	.507	.507	.504	.522	.539	.564	.562	.525	.533	.528	.554	.589	.599	.580	.592	.590	.569	.617	.580	.558	.546	.525	22
23	.508	.531	.542	.520	.534	.545	.550	.572	.539	.536	.536	.544	.546	.556	.538	.566	.496	.468	.437	.437	.444	.441	.433	23
24	.427	.438	.407	.393	.300	.403	.427	.380	.399	.440	.432	.397	.376	.400	.396	.413	.423	.406	.410	.391	.381	.378	.384	24
25	.350	.340	.345	.363	.374	.399	.396	.389	.365	.409	.444	.471	.483	.495	.497	.516	.475	.478	.474	.459	.457	.455	.436	25
26	.422	.438	.417	.437	.474	.480	.505	.528	.534	.567	.566	.549	.536	.529	.540	.542	.521	.497	.473	.440	.440	.432	.453	26
27	.459	.462	.444	.456	.458	.410	.414	.419	.415	.410	.426	.500	.495	.503	.489	.473	.487	.448	.476	.460	.463	.469	.453	27
28	.454	.440	.448	.439	.430	.422	.423	.429	.426	.444	.431	.438	.447	.458	.448	.436	.424	.407	.406	.387	.390	.401	.388	28
29	.360	.335	.338	.337	.370	.390	.390	.381	.365	.376	.370	.395	.403	.395	.401	.398	.417	.448	.431	.412	.406	.407	.397	29
30	.401	.384	.372	.375	.383	.421	.418	.429	.391	.384	.410	.416	.426	.427	.436	.435	.433	.451	.428	.430	.429	.440	.409	30
31	.399	.378	.390	.376	.351	.417	.416	.391	.410	.431	.437	.442	.467	.539	.498	.487	.522	.540	.524	.479	.448	.412	.404	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

*Record defective or Instrument out of action. †Obtained from reading of Standard. *Approximate

ARMAGH OBSERVATORY LAT. 54°21′ N LONG. 6°39′ W — HOURLY VALUES July 1878.

BAROMETER. CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.766	29.769	29.758	29.760	29.768	29.775	29.776	29.766	29.770	29.768	29.764	29.760	29.756	29.747	29.745	29.740	29.739	29.732	29.744	29.747	29.750	29.755	29.759	29.752	1
2	.752	.755	.741	.743	.747	.751	.756	.757	.764	.768	.762	.755	.754	.752	.744	.733	.736	.743	.757	.769	.785	.789	.790	.786	2
3	.795	.784	.782	.782	.779	.792	.802	.814	.814	.825	.829	.848	.858	.856	.859	.861	.867	.872	.881	.889	.900	.914	.912	.919	3
4	.907	.904	.896	.897	.886	.884	.879	.881	.884	.879	.869	.860	.847	.836	.816	.805	.806	.793	.788	.778	.783	.780	.774	.769	4
5	.750	.741	.737	.720	.713	.713	.720	.714	.705	.699	.692	.694	.682	.673	.673	.673	.661	.656	.649	.645	.653	.642	.647	.662	5
6	.680	.685	.681	.681	.688	.699	.707	.709	.710	.717	.723	.724	.728	.733	.744	.740	.734	.743	.750	.762	.773	.770	.774	.774	6
7	.772	.765	.763	.767	.774	.765	.774	.774	.785	.782	.780	.778	.785	.799	.793	.787	.790	.796	.807	.816	.833	.855	.863	.875	7
8	.882	.892	.898	.905	.915	.932	.944	.955	.954	.956	.967	.961	.973	.972	.973	.961	.957	.947	.949	.937	.937	.930	.911	.897	8
9	.880	.857	.829	.806	.795	.774	.760	.748	.744	.743	.744	.742	.742	.732	.725	.709	.706	.712	.713	.719	.719	.719	.717	.714	9
10	.712	.701	.696	.695	.696	.699	.705	.709	.717	.722	.730	.732	.730	.735	.740	.748	.743	.731	.729	.730	.729	.729	.722	.712	10
11	.707	.698	.691	.684	.683	.682	.690	.697	.695	.695	.710	.704	.699	.695	.694	.692	.696	.692	.703	.705	.717	.717	.723	.721	11
12	.718	.715	.707	.697	.692	.695	.699	.707	.709	.705	.704	.706	.709	.702	.698	.695	.702	.700	.711	.724	.741	.762	.773	.779	12
13	.786	.795	.795	.802	.813	.831	.843	.845	.856	.865	29.867	29.869	29.880	29.886	29.897	29.895	29.902	29.911	29.913	29.937	29.946	29.952	29.953	29.958	13
14	29.957	29.951	29.951	29.948	29.959	29.961	29.973	29.980	29.986	29.995	30.000	30.002	30.011	30.009	30.012	30.014	30.014	30.022	30.035	30.046	30.048	30.049	30.045	30.056	14
15	30.047	30.040	30.039	30.041	30.042	30.045	30.056	30.049	30.051	30.050	.047	.045	.052	.055	.054	.051	.048	.056	.059	.061	.067	.069	.071	.078	15
16	.076	.085	.081	.077	.078	.092	.094	.095	.099	.102	.099	.100	.099	.095	.094	.093	.086	.084	.083	.096	.094	.111	.107	.096	16
17	.098	.100	.103	.103	.097	.102	.108	.111	.111	.117	.125	.122	.122	.114	.123	.109	.116	.125	.134	.147	.160	.162	.169	.172	17
18	.174	.172	.169	.170	.174	.181	.197	.206	.209	.209	.212	.210	.208	.203	.201	.195	.193	.191	.192	.200	.205	.205	.208	.199	18
19	.190	30.179	30.173	30.162	30.165	30.162	30.159	30.154	30.155	30.145	30.137	30.125	30.114	30.097	30.080	30.062	30.048	30.030	30.021	30.025	30.025	30.025	30.023	30.014	19
20	30.003	29.982	29.970	29.964	29.971	29.972	29.966	29.959	29.957	29.960	29.954	29.942	29.935	29.928	29.920	29.901	29.896	29.894	29.900	29.908	29.917	29.919	29.923	29.917	20
21	29.922	.924	.908	.907	.908	.913	.911	.916	.911	.904	.907	.905	.905	.893	.884	.878	.877	.885	.891	.903	.920	.923	.931	.925	21
22	.921	.920	.921	.917	.925	.926	.925	.924	.926	.922	.928	.919	.921	.906	.890	.865	.861	.856	.856	.848	.845	.847	.852	.848	22
23	.835	.818	.802	.789	.776	.772	.769	.764	.753	.753	.742	.723	.699	.672	.648	.626	.615	.604	.597	.586	.581	.568	.553	.540	23
24	.527	.500	.482	.488	.484	.493	.486	.487	.494	.493	.500	.508	.506	.501	.499	.500	.499	.499	.510	.513	.515	.518	.522	.521	24
25	.521	.518	.510	.511	.518	.530	.532	.537	.541	.539	.544	.542	.531	.537	.540	.532	.534	.530	.535	.542	.551	.551	.553	.554	25
26	.556	.561	.556	.559	.558	.554	.576	.576	.579	.575	.573	.572	.577	.575	.581	.589	.597	.611	.633	.655	.671	.694	.710	.726	26
27	.733	.743	.750	.760	.758	.770	.784	.785	.792	.795	.803	.807	.809	.814	.807	.807	.808	.808	.816	.815	.814	.816	.821	.816	27
28	.811	.807	.805	.805	.804	.798	.795	.799	.798	.790	.795	.793	.791	.787	.788	.784	.787	.791	.802	.815	.831	.848	29.856	29.860	28
29	29.869	29.875	29.880	29.878	29.883	29.897	29.913	29.932	29.928	29.914	29.915	29.918	29.929	29.923	29.930	29.926	29.930	29.940	29.957	29.967	29.981	29.995	30.007	30.012	29
30	30.017	30.015	30.022	30.021	30.030	30.042	30.057	30.071	30.074	30.076	30.078	30.077	30.074	30.076	30.077	30.082	30.081	30.085	30.097	30.110	30.132	30.142	.154	.158	30
31	30.151	30.154	30.162	30.158	30.159	30.166	30.170	30.170	30.171	30.167	30.169	30.165	30.163	30.158	30.151	30.144	30.140	30.132	30.135	30.143	30.153	30.152	30.157	30.155	31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	58.7	57.8	55.9	53.8	53.3	54.9	55.3	57.5	59.9	60.2	63.1	63.2	63.9	64.8	63.6	63.1	62.3	61.0	60.0	58.7	56.8	54.1	53.8	53.7
2	52.5	51.9	51.9	52.1	50.7	52.2	53.4	54.0	55.6	57.6	57.9	59.6	58.9	57.7	61.0	60.7	59.9	59.9	58.0	55.4	54.1	52.0	51.8	51.1
3	51.9	52.7	53.9	53.9	53.9	54.3	55.7	56.6	58.3	59.0	60.1	61.3	63.0	63.1	64.0	63.4	62.8	63.6	61.1	59.1	57.9	56.9	55.9	56.6
4	56.2	55.9	54.6	54.8	55.0	55.5	56.1	56.9	57.6	56.9	58.0	57.9	61.0	62.3	61.9	62.3	61.8	62.4	62.8	62.5	62.2	61.9	61.4	61.3
5	61.9	61.9	61.6	60.7	60.1	60.9	62.6	64.0	66.0	67.0	66.1	65.4	67.5	67.2	67.1	68.0	65.0	65.0	65.2	64.0	63.4	63.0	62.3	60.0
6	59.0	56.9	56.8	57.0	57.4	57.9	59.3	60.8	61.9	62.1	64.4	64.7	63.9	67.1	64.5	64.2	65.1	63.0	60.7	60.1	59.5	58.7	57.9	57.5
7	57.3	57.2	57.3	57.2	57.1	57.5	58.8	60.0	58.3	60.7	62.6	63.1	63.2	60.4	64.0	64.9	64.6	63.5	62.1	60.8	58.4	57.9	55.5	55.8
8	53.0	52.7	51.7	51.0	50.9	52.5	56.5	58.1	60.9	62.9	62.9	64.4	64.0	64.0	65.1	65.7	65.0	64.1	62.9	58.9	58.0	56.9	56.8	57.2
9	58.0	57.9	57.7	*	56.9	57.5	58.2	60.8	60.7	60.7	61.7	62.0	67.9	62.3	62.3	61.9	62.0	61.6	59.0	57.3	57.2	56.6	56.0	55.6
10	55.0	54.0	54.5	54.9	54.4	55.0	56.0	57.1	57.1	58.7	58.2	59.7	60.3	59.2	59.8	58.9	58.0	58.1	57.4	56.4	56.0	55.7	55.0	55.0
11	55.1	55.1	55.0	54.9	55.0	55.0	55.6	56.1	57.4	58.9	59.6	61.3	62.4	62.3	63.0	61.7	61.0	60.0	59.0	57.8	56.6	55.4	54.9	55.0
12	54.3	54.1	53.9	53.7	53.5	53.9	55.2	56.6	57.9	59.0	60.6	59.9	57.2	59.0	60.5	59.0	59.1	59.0	58.8	57.7	55.2	52.9	51.7	50.9
13	49.9	48.3	47.7	47.0	47.2	48.8	52.4	55.0	59.4	62.9	65.0	66.3	66.5	65.6	64.9	64.3	62.0	62.0	59.1	57.5	55.0	55.9	55.8	55.5
14	55.4	55.3	55.0	54.1	54.9	55.7	56.3	56.4	57.1	57.4	57.7	59.0	59.1	60.1	59.8	59.3	59.0	59.0	58.6	58.3	58.0	57.0	57.1	56.9
15	56.8	56.7	56.6	56.7	56.8	57.4	58.0	60.2	60.9	61.1	63.7	63.0	62.3	62.9	62.3	62.1	63.0	62.0	61.7	61.0	60.7	60.0	60.0	59.9
16	59.9	59.5	59.0	58.9	59.0	59.3	60.0	60.9	61.8	63.7	64.0	66.2	68.2	67.5	67.9	67.3	67.9	67.0	65.9	63.9	60.8	60.1	60.0	59.2
17	58.9	58.8	58.5	58.6	58.7	59.6	60.2	61.8	63.0	65.5	66.0	66.9	67.6	70.0	67.6	69.8	69.5	67.9	66.3	65.9	65.4	65.1	64.9	64.0
18	64.0	63.6	63.0	62.9	62.5	62.1	62.9	64.2	67.0	68.3	68.2	69.4	70.6	70.9	71.4	71.9	72.5	72.1	70.5	68.8	65.5	63.0	62.3	60.9
19	59.9	58.4	57.0	57.0	56.0	57.9	60.7	61.9	64.9	66.3	68.3	70.3	72.0	72.9	71.8	71.3	70.1	69.0	69.1	*	*	†64.5	63.9	63.4
20	62.7	62.0	61.9	61.4	61.0	61.2	63.0	64.0	65.2	65.4	68.0	68.9	71.0	73.3	72.0	71.8	71.5	70.1	68.4	66.1	63.7	60.9	58.9	57.9
21	57.8	56.6	55.9	55.6	55.8	55.7	55.8	58.1	60.8	64.3	65.4	66.9	68.0	69.0	70.2	70.1	70.4	66.9	63.8	60.9	58.3	56.6	55.0	55.0
22	55.1	55.7	56.0	55.9	55.9	56.1	57.9	59.9	62.7	64.6	66.7	68.8	71.1	72.3	74.1	74.8	74.9	74.6	73.8	70.0	67.2	64.9	63.1	61.6
23	60.9	58.9	58.6	57.9	57.4	58.2	63.1	65.7	69.6	70.8	72.2	73.2	74.2	74.0	72.5	70.3	70.1	68.9	67.2	65.1	64.6	64.5	63.9	62.4
24	62.6	64.1	63.4	61.7	61.8	62.1	62.6	62.9	61.4	62.0	62.1	61.9	62.7	62.1	62.1	60.7	60.1	60.9	60.0	59.0	58.1	57.9	57.9	57.9
25	58.0	58.0	58.0	57.5	57.0	56.0	56.0	56.4	57.1	58.9	61.7	60.1	63.4	63.1	63.0	63.6	62.9	62.3	60.5	59.4	58.2	57.3	56.7	56.7
26	55.5	55.2	55.2	54.9	55.6	56.0	57.1	57.7	59.9	61.9	62.0	63.0	62.4	63.2	62.4	60.9	60.0	60.0	59.4	58.9	56.6	53.9	52.3	51.9
27	50.6	50.0	52.0	52.9	53.1	53.7	55.2	57.1	59.4	61.9	60.4	61.2	63.2	62.9	63.0	62.5	62.4	61.1	59.5	56.9	54.2	52.5	51.9	50.4
28	49.3	47.9	48.0	49.6	50.4	51.6	53.3	55.6	58.9	59.4	60.9	61.5	63.4	65.0	62.9	63.1	63.0	62.7	61.3	58.9	55.9	54.0	52.4	51.1
29	50.0	49.0	48.1	47.2	46.9	47.9	51.4	55.3	59.6	59.1	60.0	60.0	61.5	61.1	62.1	61.6	63.2	61.1	59.1	56.9	55.9	54.0	52.0	51.7
30	51.1	50.2	49.1	48.5	48.2	50.0	51.9	55.4	58.2	61.0	60.9	64.5	64.3	64.6	67.8	65.1	65.6	65.7	63.2	60.8	58.2	55.4	53.1	52.0
31	51.5	50.9	50.0	50.0	49.2	49.3	52.6	56.2	61.0	66.2	67.0	68.1	68.9	69.9	69.4	68.9	68.1	67.1	65.2	61.9	58.3	56.2	54.8	54.0

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
55.7	54.9	53.0	51.9	51.3	52.8	53.0	54.7	55.9	55.9	57.0	57.0	57.4	57.9	57.2	57.1	57.0	55.7	54.9	54.3	53.2	52.1	51.9	51.3	1
50.7	49.9	50.0	50.3	49.2	51.0	51.7	51.9	52.4	53.0	53.2	54.8	55.0	55.0	56.7	56.0	54.0	53.7	52.9	51.1	50.7	49.9	49.9	49.7	2
50.2	51.3	52.5	53.0	52.9	53.1	54.0	54.4	55.8	55.3	53.9	55.0	55.3	56.1	56.1	56.0	56.4	57.2	56.2	56.1	55.0	54.8	54.0	54.7	3
54.5	54.7	53.0	53.0	53.7	53.3	54.0	54.3	54.1	54.3	55.0	55.0	57.6	58.0	58.0	58.9	59.1	59.4	60.1	60.1	59.6	59.0	58.8	59.4	4
59.8	59.8	59.1	58.7	58.2	58.9	60.0	61.2	62.9	63.2	62.9	63.3	64.3	63.9	64.7	64.2	63.9	63.2	63.5	63.0	62.4	61.8	61.0	59.1	5
57.6	54.8	54.7	55.0	55.8	56.3	57.4	58.1	58.1	58.7	59.9	59.9	59.0	60.9	59.9	59.8	59.1	59.1	58.2	57.2	57.0	56.1	56.0	55.9	6
56.0	55.9	55.9	55.7	55.8	55.9	56.9	56.9	55.8	57.3	58.1	57.8	57.3	56.2	58.0	59.2	58.8	57.3	57.1	57.6	56.0	55.2	53.5	53.9	7
51.9	51.4	50.7	50.0	49.9	51.8	54.8	55.6	57.3	57.9	57.2	57.9	58.7	57.8	57.8	58.8	68.4	57.6	56.3	55.7	55.5	54.2	54.1	54.8	8
55.9	55.9	55.7	*	56.1	56.6	57.5	58.9	58.0	57.2	56.9	56.8	58.2	58.3	59.1	57.5	57.8	57.3	56.1	54.6	54.8	54.3	53.9	53.2	9
52.3	52.6	52.7	52.5	53.0	52.9	53.6	53.9	54.7	55.6	55.1	56.9	56.9	55.7	55.5	55.2	54.2	54.0	53.3	53.7	53.0	52.9	53.0	53.0	10
53.1	53.0	53.3	53.0	53.0	53.8	54.2	54.2	54.9	55.9	56.1	57.4	57.0	56.5	57.9	56.2	56.8	55.7	55.5	54.8	54.0	53.2	52.9	52.9	11
52.5	52.3	52.0	51.9	51.8	51.9	53.0	53.9	54.8	55.1	56.0	55.6	54.5	55.4	56.0	55.3	56.0	55.8	55.6	55.0	53.4	51.9	50.9	50.6	12
48.9	47.6	47.0	46.2	46.4	48.0	51.0	53.0	55.6	58.0	59.4	60.0	60.0	59.8	59.0	58.7	57.1	56.1	54.7	53.2	51.5	52.3	52.9	52.6	13
52.8	52.6	52.7	52.0	52.6	53.7	54.0	53.9	54.9	55.0	55.5	55.9	56.0	57.0	56.6	56.3	56.0	56.0	56.0	55.8	55.3	55.6	55.5	55.3	14
55.1	55.1	55.4	55.8	56.0	56.8	57.1	58.2	58.2	58.2	60.0	59.1	59.0	59.2	59.6	59.8	60.9	60.0	59.9	59.8	59.2	59.0	58.8	58.7	15
58.8	58.2	58.0	58.0	58.1	58.3	59.0	59.4	59.8	61.0	61.3	62.4	63.6	63.3	63.6	63.1	63.7	63.7	63.0	61.8	59.2	58.9	58.5	57.9	16
57.6	57.5	57.2	57.2	57.4	58.0	58.6	59.2	60.1	61.9	62.4	63.1	64.0	65.5	64.8	66.5	65.9	64.9	64.0	63.6	63.2	63.0	63.0	62.9	17
62.4	62.1	61.9	61.4	61.0	61.0	61.4	62.5	64.0	65.2	65.3	66.0	67.0	67.2	67.4	67.7	67.9	67.9	66.9	65.9	63.7	62.6	61.1	60.0	18
59.0	57.7	56.2	56.6	55.6	57.3	59.4	60.2	62.5	63.7	65.0	65.4	66.9	67.0	67.8	67.5	66.7	65.9	66.0	*	*	†62.8	62.7	62.0	19
61.0	61.0	60.9	60.8	60.8	60.9	62.0	62.5	63.6	63.7	65.0	65.3	66.0	67.9	67.1	66.9	66.9	66.1	64.3	63.4	61.1	59.7	57.9	57.0	20
57.0	55.3	55.0	54.7	54.9	54.8	54.9	56.8	58.0	60.4	61.0	61.9	62.9	63.3	64.9	65.0	65.5	62.9	60.6	58.2	56.7	55.3	54.1	54.2	21
54.3	54.9	54.9	54.9	54.9	55.0	56.7	57.8	59.5	60.9	62.8	64.1	66.4	67.0	68.5	67.9	68.1	67.7	66.1	65.5	63.9	62.3	60.9	59.9	22
59.3	57.5	57.3	56.8	56.8	57.2	61.1	63.3	64.8	64.1	64.9	64.0	65.1	65.0	63.8	64.1	64.7	63.2	63.0	62.2	62.0	62.4	62.0	60.9	23
61.2	61.5	61.3	60.7	60.6	60.6	60.6	61.0	59.9	61.1	60.9	60.0	60.2	60.2	60.4	59.3	58.9	58.8	57.9	56.9	56.8	56.3	56.5	56.9	24
56.9	56.8	56.7	56.2	55.7	54.4	54.0	54.2	54.4	55.4	57.3	56.6	58.0	57.8	57.2	57.2	57.5	57.1	57.5	57.0	56.0	55.3	54.8	54.5	25
54.3	54.2	54.1	54.1	54.7	55.2	55.9	56.1	56.7	57.4	58.1	58.1	58.6	58.8	58.9	57.4	56.2	56.0	55.3	55.1	53.2	51.8	50.9	50.7	26
49.3	49.0	50.9	51.8	52.0	52.1	52.0	53.6	54.1	55.5	55.2	55.3	56.0	55.7	55.9	56.6	55.3	55.3	54.8	54.0	52.6	51.3	50.4	49.3	27
48.2	46.9	47.0	48.4	49.3	50.2	51.7	52.9	54.6	54.9	53.9	55.1	54.9	55.7	56.0	56.0	56.2	56.3	55.3	55.8	53.1	52.3	50.9	50.3	28
49.0	48.1	47.2	46.4	46.3	47.0	50.0	52.4	53.9	54.2	54.1	53.9	55.0	55.5	56.1	55.2	56.9	55.9	55.1	53.6	52.9	51.7	50.9	50.4	29
50.1	49.3	48.1	47.6	47.4	48.9	50.7	53.9	55.5	56.7	56.0	57.9	57.4	56.2	59.2	59.0	60.0	59.6	58.0	54.8	54.1	53.1	51.8	50.9	30
50.0	49.6	48.9	49.0	48.5	48.2	51.1	53.8	57.8	59.2	60.0	59.7	59.9	60.4	60.6	60.4	60.1	60.0	58.9	57.5	56.0	54.3	53.3	53.1	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21′ N. LONG: 6°39′ W.

HOURLY VALUES July 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	8	5·5	8	4	8	8·5	5	8·5	6	4·5	6	4·5	6	5·5	5	7·5	7	7·5	7	7·5	6	9·5	5	7·5	5	7·5	6	8·6	6	6·5	6	8·5	8	8·5	6	6·5	7	8·5	8	7·5	9	4·5	9	3	9	4·5	8	5·5	1
2	7	4·5	7	4·5	9	3	7	4	7	3	7	2	7	3	7	2	7	3	10	4	12	4	12	3	12	2	5	4	10	4	32	4·5	32	6·5	32	7·5	32	7·5	32	7·5	32	7·5	32	4·5	32	3	32	3	32	3	2
3	32	3	32	3	30	4	29	4·5	28	4	28	4·5	28	4·5	28	4·5	28	4·5	29	6·5	31	6·5	32	6·5	31	5·5	1	5·5	31	5·5	1	5·5	32	4·5	3	4·5	6	5·5	7	4·5	7	4	7	4	7	2	7	2	3
4	7	3	7	4	7	3	12	4	13	4	18	4·5	20	7·5	21	6·5	21	7·5	21	6·5	19	7·5	17	7·5	20	11	20	11	20	12	20	11	20	9·5	18	7·5	19	7·5	18	8·5	20	8·5	19	7·5	20	8·5	20	6·5	4
5	20	10·5	19	12	19	13	19	9·5	18	12	19	13	19	12	19	15	20	16	19	18	19	18	19	14	19	18	20	18	20	17	21	13	20	11	20	10·5	21	10·5	21	11	21	12	20	12	26	9·5				5
6	23	8·5	22	8·5	21	7·5	21	10·5	20	9·5	21	7·5	21	9·5	21	7·5	21	10·5	24	6·5	24	8·5	22	7·5	26	7·5	27	7·5	25	7·5	27	7·5	26	7·5	27	7·5	23	5·5	25	5·5	24	4·5	22	5·5	21	6·5	21	6·5	6
7	21	6·5	21	4·5	21	6·5	21	5·5	21	4·5	21	6·5	23	6·5	28	4·5	25	4·5	25	4·5	26	8·5	26	5·5	27	6·5	27	5·5	28	4	28	5·5	30	4·5	31	4	2	4	2	3	2	4	2	3	2	2	7
8	2	2	2	3	2	3	2	3	2	4	24	4	24	4·5	24	4·5	24	4·5	24	4·5	29	6·5	28	5·5	29	6·5	29	5·5	28	6·5	29	6·5	25	5·5	28	5·5	28	4·5	28	4	28	2	28	3	28	4	20	4·5	8
9	19	6·5	20	9·5	19	11	19	12	19	10·5	19	10·5	20	13	21	11	23	11	25	9·5	23	12	23	9·5	23	9·5	24	9·5	23	8·5	24	10·5	25	9·5	24	7·5	25	9·5	21	6·5	22	6·5	21	6·5	25	7·5	9
10	26	7·5	23	5·5	21	6·5	25	6·5	24	4·5	25	6·5	24	4·5	27	8·5	26	7·5	27	7·5	26	7·5	26	9·5	25	7·5	26	8·5	25	9·5	24	8·5	24	7·5	24	8·5	23	7·5	24	7·5	24	8·5	22	6·5	22	9·5	23	5·5	10
11	25	8·5	24	6·5	24	6·5	25	6·5	25	6·5	26	5·5	27	5·5	26	6·5	26	8·5	25	8·5	27	9·5	27	10·5	27	11	26	9·5	26	8·5	27	8·6	28	7·5	27	8·5	27	7·5	27	6·5	27	7·5	28	5·5	25	5·5	25	4·5	11
12	26	4	23	5·5	25	4·5	27	4·5	25	4	26	4	26	4	26	3	25	4	25	4	24	4·5	24	4	31	3	32	2	31	3	3	4·5	4	4	4	4·5	4	4·5	4	4	2	4	3	4	2	4	15	12
13	4	1·5	4	3	4	3	4	3	4	2	4	3	4	3	4	2	2	3	32	3·5	32	6·5	30	5·5	32	7·5	32	5·5	31	4	30	3	30	4·5	30	4	1	1·5	1	85	1	5·5	1	7·5	32	6·5	30	5·5	32	7·5	13
14	30	4·5	30	4	30	4	29	4·5	29	4	29	6·5	29	4·5	29	6·5	28	5·5	28	6·5	28	8·5	28	5·5	28	7·5	28	6·5	28	4·5	29	4·5	28	5·5	27	5·5	27	4	27	4·5	27	4·5	27	4	27	4	26	4·5	14
15	26	4	26	4	25	4	25	4·5	25	4	25	3	25	4	24	5·5	25	6·5	25	5·5	25	6·5	26	6·5	26	6·5	26	6·5	27	5·5	26	4·5	26	4·5	25	4·5	25	4	24	4·5	23	4	25	4	25	3	25	3	15
16	25	4	24	3	25	4·5	22	4	22	4·5	22	4	23	4	23	4·5	21	6·5	22	6·5	22	4·5	24	4·5	23	6·5	22	4·5	25	5·5	22	4·5	22	6·5	21	4	26	4	27	3	27	2	26	3	25	3	22	3	16
17	22	4·5	21	4·5	21	4	22	4	22	4·5	22	4	22	4·5	23	4·5	22	4·5	24	5·5	20	8·5	22	8·5	21	6·5	21	8·5	21	7·5	24	7·5	24	6·5	26	5·5	25	5·5	25	4	23	4·5	24	4·5	23	5·5	22	5·5	17
18	22	6·5	23	4·5	23	7·5	23	4·5	23	4	23	5·5	22	4·5	23	4·5	23	4·5	26	4	27	4	28	4·5	27	4	27	3	28	3	29	3	29	4·5	32	4	30	4	31	4	31	3	31	2	31	2	31	2	18
19	31	1·5	31	3	31	3	31	3	31	2	31	1·5	31	2	1	3	4	3	3	3	1	3	24	3	29	4	28	3	4	5·5	3	4·5	5	6·5	5	5·5	5	4	5	4·5	4	4·5	4	4·5	5	4	5	3	19
20	5	4·5	5	4	5	2	5	2	5	2	5	1·5	11	4	9	3	9	2	31	3	31	2	32	3	19	3	4	4·5	4	4	1	4	4	5·5	5	7·5	4	7·5	4	6·5	3	6·5	3	4·5	4	6·5	5	6·5	20
21	5	4·5	5	5·5	5	4·5	5	4	4	4	4	4·5	3	4	3	6·5	4	5·5	3	7·5	4	8·5	4	6·5	4	8·5	4	4·5	4	4·5	2	4·5	4	6·5	5	9·5	5	7·5	5	5·5	5	6·5	5	5·5	5	4·5	5	5·5	21
22	4	6·5	3	5·5	3	5·5	2	4·5	2	4·5	3	5·5	3	4·5	4	5·5	6	6·5	4	6·5	4	6·5	6	4·5	3	4·5	7	4·5	5	4·5	6	4·5	11	4·5	12	4·5	12	4	12	3	12	2	12	2	12	3	22
23	7	2	7	3	6	3	6	4	6	4	6	4	12	4	12	4	13	5·5	13	9·5	11	11	13	9·5	12	10·5	12	12	10	12	12	14	13	12	12	15	12	6·5	13	5·5	13	9·5	12	9·5	12	9·5	12	13	23
24	12	10·5	16	13	15	7·5	20	3	20	3	20	4	20	4	20	4	24	4·5	23	5·5	25	6·5	27	6·5	28	4·5	28	4·5	28	4·5	27	7·5	27	7·5	28	8·6	27	8·5	27	7·5	27	8·5	27	7·5	27	5·5	26	5·5	24
25	28	6·5	27	7·5	28	5·5	27	5·5	27	7·5	27	7·5	27	5·5	27	4·5	28	4·5	27	5·5	29	4·5	28	4·5	29	6·5	28	4·5	28	4·5	28	3	28	3	32	4	1	4	1	4	1	4	1	4	1	4·5	25
26	1	3	1	4	1	2	1	1·5	1	1·5	1	1·5	1	2	1	2	1	3	1	3	2	2	2	4	2	2	2	3	2	4	3	6·5	3	7·5	3	5·5	2	4·5	1	6·5	1	4	1	4	1	3	1	3	26
27	31	4	30	3	25	4	24	4	24	3	24	3	25	4	28	4·5	28	7·5	28	7·5	29	7·5	29	7·5	30	5·5	28	7·5	29	6·5	30	6·5	29	5·5	32	4·5	1	4	1	3	1	1·5	1	2	1	3	27
28	1	2	1	3	1	3	1	2	1	3	1	1·5	1	2	1	3	1	3	1	4	1	3	1	4	1	3	14	4·5	6	4	5	5·5	3	4	3	4·6	3	4	3	4	3	3	3	4	3	2	3	4·5	28
29	3	2	3	3	3	3	3	3	3	3	3	2	3	2	2	4·5	1	5·5	1	7·5	1	7·5	1	5·5	1	6·5	21	5·5	2	5·5	1	5·5	32	6·5	1	5·5	1	4·5	1	4·5	2	5·5	2	3	2	3	2	2	29
30	2	2	2	2	2	3	2	3	2	3	2	2	2	2	2	3	2	4·5	5	4·5	5	4·5	3	4	5	3	5	4	3	3	5	3	9	4·5	15	4·5	16	4·5	16	5·5	16	4	16	2	16	3	16	1·5	30
31	16	2	16	2	16	2	16	2	16	2	16	1·5	16	2	16	3	16	4	14	6·5	16	8·5	14	8·5	13	9·5	13	9·5	12	9·5	13	10·5	12	9·5	13	7·5	14	6·5	14	4	14	2	14	2	14	2	14	1·5	31

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1																									1
2																									2
3																									3
4												040													4
5										~~010~~								010		010					5
6										~~010~~															6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24											010				010	010	010	010				010		005	24
25										~~010~~															25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
	0/0										010	010			010	010	010	020		010	010		005		

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	392	366	360	351	371	372	391	393	390	386	385	388	391	385	389	395	376	367	366	359	362	360	346		1
2	334	336	342	337	358	360	357	354	346	348	368	381	397	402	387	345	338	340	327	326	333	336	340		2
3	359	375	390	387	387	395	394	411	388	341	355	344	363	354	367	373	385	387	409	394	400	392	403		3
4	412	380	378	395	378	390	386	374	386	393	395	427	423	428	446	462	463	480	484	472	457	468	478		4
5	487	465	465	468	469	479	499	526	522	525	549	553	543	572	541	576	551	559	560	548	533	516	488		5
6	400	400	405	423	431	444	445	431	446	452	448	432	449	451	452	420	446	450	428	430	414	422	425		6
7	428	427	423	427	425	436	420	411	423	422	408	393	396	403	425	418	390	401	430	415	400	384	390		7
8	362	357	348	347	376	406	409	420	412	393	396	423	397	385	405	402	391	370	400	407	384	383	397		8
9	419	417	*	439	446	464	470	443	420	399	394	421	432	455	414	421	412	410	391	397	391	388	374		9
10	377	374	363	383	372	381	373	396	400	393	424	416	397	384	386	372	366	355	377	365	366	375	376		10
11	374	383	376	375	397	401	396	397	405	403	418	394	382	411	380	405	387	394	390	383	376	373	372		11
12	367	361	361	362	358	373	380	389	383	388	386	389	391	389	388	406	402	399	397	384	372	362	349		12
13	332	313	303	305	325	355	375	392	415	430	431	429	433	419	419	402	376	371	352	337	349	364	360		13
14	362	367	359	366	387	387	382	401	400	411	404	406	423	412	412	407	407	413	414	401	415	419	415		14
15	412	423	433	437	453	454	456	446	444	465	446	452	460	471	480	503	487	489	496	482	485	479	477		15
16	467	467	469	470	473	485	484	484	503	502	506	518	518	522	514	525	539	531	520	480	480	469	461		16
17	455	450	448	463	469	469	466	477	500	509	520	540	559	568	597	578	568	559	552	545	543	546	547		17
18	536	537	521	513	519	521	540	549	571	576	583	603	605	605	608	607	612	601	587	561	547	519	505		18
19	467	440	453	437	461	488	496	529	549	564	550	578	569	613	610	600	583	586	*	580	545	552	534		19
20	520	519	523	530	531	540	543	563	563	569	564	560	595	585	581	585	578	538	542	499	495	466	462		20
21	420	420	416	419	417	419	444	442	469	472	481	498	496	535	539	553	513	483	446	437	420	406	409		21
22	420	416	417	417	418	443	448	463	481	513	524	573	577	606	575	581	571	527	559	543	522	502	490		22
23	454	451	446	453	454	508	545	538	500	509	470	492	492	472	507	529	494	512	516	516	532	527	511		23
24	507	510	515	510	506	499	507	494	524	516	487	484	493	499	485	480	466	450	433	444	431	437	449		24
25	445	442	434	425	402	391	391	387	392	411	411	410	408	392	385	402	378	432	431	418	410	403	395		25
26	407	404	408	416	425	430	428	416	411	430	417	439	435	448	423	401	395	384	384	361	356	350	354		26
27	334	358	370	373	367	370	366	353	361	370	364	359	355	359	383	351	365	370	378	375	362	346	338		27
28	368	309	324	338	345	362	367	371	373	333	356	331	336	362	360	366	372	363	363	369	368	353	355		28
29	322	313	306	307	310	343	356	346	358	347	342	353	370	374	356	382	380	382	368	364	352	350	349		29
30	340	324	319	317	332	354	395	398	402	384	395	384	401	394	417	439	427	412	355	367	374	368	358		30
31	339	332	334	332	323	356	383	433	410	424	404	401	403	414	414	416	423	413	414	417	396	386	391		31

Meteorological Office.
116 Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°.53′ N LONG 4°.18′ W

HOURLY VALUES July 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·817	29·813	29·805	29·797	29·795	29·797	29·794	29·795	29·791	29·791	29·793	29·788	29·791	29·774	29·775	29·706	29·770	29·781	29·779	29·784	29·789	29·794	29·789	29·782	1
2	·783	·775	·769	·767	·765	·761	·753	·754	·758	·752	·750	·749	·745	·736	·725	·710	·701	·699	·693	·692	·697	·708	·705	·711	2
3	·712	·707	·700	·701	·705	·728	·739	·745	·757	·759	·769	·777	·783	·783	·779	·779	·781	·782	·795	·810	·827	·843	·843	·847	3
4	·848	·841	·841	·841	·841	·835	·837	·841	·837	·827	·815	·813	·808	·807	·790	·779	·767	·751	·743	·726	·709	·693	·687	·674	4
5	·661	·651	·652	·655	·653	·647	·649	·659	·657	·665	·665	·663	·655	·645	·626	·613	·597	·585	·587	·586	·585	·581	·569	·564	5
6	·559	·555	·559	·575	·581	·593	·599	·607	·619	·618	·624	·637	·638	·654	·654	·648	·656	·662	·664	·673	·680	·685	·686	·686	6
7	·684	·674	·670	·674	·676	·679	·688	·694	·692	·702	·711	·706	·707	·714	·715	·721	·730	·738	·741	·756	·767	·782	·795	·809	7
8	·818	·826	·830	·840	·848	·867	·874	·879	·877	·886	·893	·893	·891	·891	·891	·894	·883	·893	·891	·888	·886	·882	·877	·873	8
9	·853	·838	·809	·783	·761	·734	·710	·683	·657	·649	·627	·631	·620	·618	·605	·584	·581	·574	·583	·585	·584	·592	·581	·579	9
10	·572	·574	·560	·548	·548	·549	·562	·574	·570	·572	·573	·587	·591	·606	·602	·607	·609	·608	·598	·585	·581	·583	·577	·571	10
11	·557	·547	·538	·541	·539	·537	·541	·557	·559	·561	·579	·572	·564	·574	·572	·574	·578	·578	·586	·590	·596	·610	·618	·624	11
12	·622	·622	·616	·618	·623	·630	·634	·652	·654	·658	·658	·666	·662	·658	·656	·660	·660	·666	·670	·689	·697	·713	·732	·745	12
13	·755	·756	·754	·756	·758	·774	·773	·776	·772	·778	·772	·773	·782	·778	·774	·773	·777	·789	·792	·812	·833	·848	·856	·868	13
14	·866	·866	·872	·873	·876	·882	·884	·892	·889	·891	·900	·915	·914	·906	·907	·911	·908	·932	·942	·962	29·956	29·958	29·946	29·958	14
15	29·954	29·954	29·952	·954	29·950	29·962	29·962	29·968	29·965	29·970	29·970	29·970	29·974	29·970	29·968	29·970	29·975	29·986	29·986	29·990	30·000	30·002	30·002	30·002	15
16	30·002	30·003	30·000	29·999	30·003	30·012	30·013	30·016	30·020	30·024	30·025	30·033	30·020	30·033	30·037	30·043	30·041	30·034	30·034	30·037	·057	·046	·042	·043	16
17	·041	·043	·035	30·040	·037	·038	·037	·043	·047	·055	·045	·047	·051	·049	·047	·043	·031	·035	·031	·044	·053	·061	·066	·067	17
18	·077	·076	·065	·073	·081	·089	·103	·127	·125	·122	·131	·129	·120	·125	·115	·115	·117	·123	·135	·137	·141	·146	·143	30·139	18
19	30·136	30·133	30·125	30·119	30·123	30·125	30·125	30·123	30·120	30·115	30·120	30·116	30·109	30·077	30·070	30·056	30·040	30·022	30·015	30·017	30·018	30·020	30·003	29·996	19
20	29·978	29·966	29·950	29·948	29·949	29·956	29·954	29·952	29·941	29·936	29·925	29·911	29·908	29·895	29·889	29·881	29·874	29·875	29·879	29·884	29·893	29·901	29·897	·905	20
21	·905	·905	·906	·907	·903	·909	·911	·915	·919	·911	·904	·893	·875	·870	·865	·857	·855	·853	·863	·872	·891	·896	·916	·923	21
22	·933	·932	·933	·942	·945	·935	·947	·963	·967	·962	·950	·948	·944	·929	·915	·896	·888	·883	·880	·882	·889	·898	·900	·900	22
23	·900	·888	·880	·875	·862	·852	·848	·842	·834	·825	·814	·799	·773	·747	·721	·701	·675	·663	·659	·657	·663	·653	·645	·633	23
24	·613	·603	·593	·585	·563	·549	·545	·544	·541	·532	·530	·531	·523	·505	·501	·489	·483	·473	·480	·477	·493	·511	·510	·503	24
25	·501	·499	·497	·478	·489	·493	·487	·480	·480	·475	·479	·471	·461	·457	·449	·461	·461	·459	·463	·472	·485	·489	·491	·487	25
26	·485	·484	·479	·483	·487	·497	·501	·505	·505	·507	·513	·510	·506	·518	·514	·514	·533	·556	·578	·593	·610	·624	·636	·648	26
27	·650	·660	·665	·670	·680	·694	·702	·708	·714	·717	·710	·712	·710	·712	·712	·716	·718	·733	·740	·762	·762	·764	·766	·772	27
28	·774	·772	·770	·782	·790	·796	·798	·797	·800	·800	·799	·794	·792	·788	·782	·780	·782	·786	·800	·816	·825	·834	·833	29·831	28
29	29·832	29·836	29·834	29·832	29·836	29·854	29·866	29·886	29·884	29·878	29·876	29·887	29·889	29·894	29·891	29·893	29·897	29·903	29·923	29·943	29·965	29·984	29·993	30·003	29
30	30·009	30·007	30·013	30·019	30·030	30·042	30·061	30·071	30·077	30·068	30·073	30·076	30·078	30·074	30·073	30·076	30·074	30·078	30·093	30·106	30·120	30·140	30·150	·160	30
31	30·162	30·165	30·170	30·170	30·172	30·178	30·188	30·188	30·183	30·186	30·178	30·172	30·168	30·162	30·152	30·144	30·140	30·138	30·140	30·150	30·157	30·162	30·170	30·170	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	540	537	535	531	530	533	547	560	580	574	588	609	616	632	633	637	615	585	572	562	551	541	534	531	1
2	522	528	518	570	513	575	531	539	537	562	578	573	577	579	597	611	604	583	578	572	572	550	543	533	2
3	525	522	523	520	513	522	567	582	603	597	601	609	632	639	660	663	660	654	620	610	580	548	516	500	3
4	491	489	496	499	507	525	552	557	563	570	581	583	581	570	571	572	568	565	568	569	578	583	587	582	4
5	593	590	592	594	593	582	590	591	597	600	611	626	619	623	632	626	631	618	615	613	610	607	601	597	5
6	589	578	569	559	560	561	560	575	586	626	600	609	607	619	619	623	635	598	588	585	572	566	572	556	6
7	562	563	550	553	547	552	564	585	571	615	621	620	641	637	641	640	612	619	605	598	585	582	551	539	7
8	526	525	502	494	504	524	572	592	620	625	649	661	674	663	671	642	660	630	620	596	562	543	520	515	8
9	510	532	536	544	549	556	566	567	574	575	602	590	610	582	588	600	591	588	576	566	550	548	547	530	9
10	531	536	536	525	527	530	533	543	551	558	594	590	598	595	602	579	580	556	547	536	536	537	536	535	10
11	531	525	533	538	542	555	557	570	575	600	600	610	622	610	610	594	574	567	571	554	534	520	518	515	11
12	509	500	514	516	523	531	550	571	593	596	618	618	639	641	657	654	660	658	653	628	587	572	556	550	12
13	542	531	518	525	520	530	550	631	663	670	679	678	672	676	680	688	675	680	635	615	582	565	538	533	13
14	517	501	490	489	500	520	546	606	605	622	608	622	634	632	658	663	635	618	606	590	580	565	545	534	14
15	530	519	510	516	521	538	551	568	570	600	612	638	658	667	683	682	684	647	635	613	587	579	580	575	15
16	582	582	580	579	578	583	590	603	608	617	637	620	645	623	629	612	629	620	607	600	595	596	581	583	16
17	582	580	578	579	583	581	587	629	637	620	640	638	659	643	628	647	640	627	627	609	611	611	610	602	17
18	602	600	597	599	600	605	619	670	620	647	655	671	689	707	723	741	729	715	684	658	630	620	619	616	18
19	611	609	605	602	606	614	622	640	665	664	702	700	694	704	707	679	672	689	660	645	615	600	586	579	19
20	568	574	570	566	560	560	569	580	604	638	680	708	729	743	760	752	753	743	697	655	620	609	596	581	20
21	558	556	560	561	560	563	560	577	588	607	621	659	684	720	760	777	789	773	740	700	664	584	564	562	21
22	565	565	563	565	562	566	568	578	589	605	616	636	644	680	709	725	730	719	696	656	614	591	575	572	22
23	574	568	568	569	569	569	570	578	588	591	613	621	658	694	717	722	714	687	644	609	598	587	581	578	23
24	574	574	572	571	572	574	587	603	602	627	627	623	628	635	630	640	647	633	622	608	591	580	573	569	24
25	568	563	552	546	542	540	570	591	609	622	639	663	660	677	700	679	680	635	612	594	580	574	570	568	25
26	562	553	547	538	527	526	566	599	617	624	640	661	662	669	671	645	603	590	592	583	570	562	562	556	26
27	550	548	551	553	550	548	576	588	598	594	610	624	640	661	663	658	665	639	603	593	572	558	552	547	27
28	559	534	538	512	513	525	546	582	609	624	652	650	643	633	671	668	658	654	623	608	583	564	552	555	28
29	539	532	518	511	501	518	527	565	599	607	609	636	641	645	655	655	659	664	633	594	578	571	571	563	29
30	561	563	551	544	548	548	565	587	599	609	615	624	639	650	678	669	675	657	639	621	585	554	539	533	30
31	527	519	504	500	489	489	510	529	598	616	642	668	687	694	710	725	728	711	683	646	619	600	581	560	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	502	499	492	491	489	490	500	509	510	520	519	539	537	550	550	550	538	521	510	512	503	490	488	487	1
2	483	473	471	469	470	470	480	487	488	492	505	499	493	498	503	518	529	520	523	523	520	505	502	500	2
3	503	503	507	502	498	…	*	*	…	498	498	496	520	530	541	541	549	550	541	543	530	513	493	482	3
4	473	470	475	478	487	497	510	520	527	530	533	537	538	537	538	538	535	543	540	543	559	568	569	571	4
5	577	578	577	580	578	573	580	580	580	587	597	600	601	609	619	614	620	610	608	607	603	598	591	587	5
6	580	562	549	541	539	540	536	538	541	575	569	571	571	573	568	569	579	560	552	552	543	540	545	537	6
7	538	542	538	540	534	540	547	549	535	563	562	551	564	570	560	570	554	563	561	555	*	545	530	525	7
8	510	505	489	480	488	506	545	540	553	550	560	564	572	570	580	567	*	559	542	540	528	515	500	496	8
9	495	510	520	526	522	528	544	555	560	562	576	564	553	546	550	561	553	550	531	538	525	520	518	518	9
10	510	509	506	503	505	507	510	515	521	524	540	535	543	541	546	535	524	520	517	514	515	520	520	516	10
11	515	515	511	515	520	526	527	527	528	538	548	541	550	539	538	538	530	523	530	520	507	499	498	495	11
12	490	487	492	498	501	510	521	535	541	530	548	545	561	558	565	570	561	573	575	569	557	544	530	530	12
13	511	510	500	508	500	508	545	571	570	568	570	570	571	580	587	592	*	594	572	560	540	521	508	508	13
14	492	487	477	474	480	492	516	547	560	570	560	575	581	577	589	590	576	571	560	557	551	545	532	524	14
15	516	500	490	491	497	508	516	529	527	540	533	548	560	560	570	588	596	577	571	562	560	552	551	555	15
16	563	566	568	567	567	569	568	576	580	585	599	580	600	588	591	585	598	586	580	582	572	567	560	560	16
17	561	561	563	565	565	568	570	597	600	591	605	602	618	609	603	613	610	603	607	599	597	596	595	586	17
18	581	582	580	581	579	583	592	587	597	611	620	631	643	652	662	679	668	660	642	631	612	602	603	600	18
19	598	592	591	588	589	597	600	616	624	620	650	639	636	643	639	628	628	639	621	611	592	585	575	568	19
20	568	567	559	558	552	552	552	560	579	589	617	632	656	649	660	640	644	636	611	600	582	584	576	552	20
21	549	547	550	550	550	553	553	556	561	573	590	606	619	639	658	668	639	663	662	649	620	571	554	553	21
22	553	554	552	552	549	553	556	560	568	573	583	601	608	636	645	651	653	651	642	618	589	574	563	560	22
23	561	559	559	559	560	559	561	563	568	569	579	586	609	627	638	640	635	621	600	579	571	562	559	558	23
24	558	556	555	555	556	556	560	569	568	580	582	585	589	597	597	600	599	589	568	543	539	530	547	544	24
25	546	540	537	523	522	521	539	552	563	569	573	568	567	576	590	603	609	578	579	560	562	551	543	540	25
26	535	525	520	511	503	507	533	555	562	569	572	590	583	596	590	590	571	565	559	553	529	545	545	542	26
27	538	537	540	541	539	517	527	520	519	529	530	530	556	558	556	563	563	553	540	539	530	520	520	520	27
28	529	515	514	499	500	509	522	534	534	536	540	540	543	541	567	554	563	553	549	547	540	530	520	522	28
29	512	503	499	492	489	501	511	537	525	529	515	531	534	538	538	547	546	552	550	542	537	533	521	519	29
30	520	520	520	519	515	513	520	520	537	534	537	541	559	557	569	564	568	573	568	565	543	522	512	505	30
31	495	491	482	480	473	472	491	509	549	564	579	571	589	597	600	605	609	603	589	578	559	561	553	539	31

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53' N. LONG: 4°18' W.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N}

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	7	10·5	7	7·5	8	10·5	9	10·5	7	6·5	7	6·5	7	6·5	6	7·5	5	5·5	4	4·5	6	5·5	6	7·5	7	7·5
2	8	6·5	8	5·5	8	4·5	8	4·5	5	5·5	3	4	3	4	8	4	8	3	1	4·5	7	4·5	25	4·5	31	4·5
3	7	3	7	3	7	2	7	2	7	4	4	4	4	3	2	9·5	1	11	32	10·5	32	9·5	1	8·5	32	6·5
4	22	4	22	4·5	21	7·5	22	8·5	23	4·5	23	6·5	22	11	21	10·5	21	13	22	12	20	15	20	15	18	14
5	20	22	20	20	20	21	19	17	18	11	20	11	18	12	20	16	19	16	20	19	19	21	19	19	19	15
6	23	14	23	13	22	19	21	18	21	16	23	15	24	22	23	22	24	17	22	21	22	20	24	17	22	21
7	22	5·5	22	14	22	11	22	12	24	7·5	19	6·5	23	11	23	14	25	11	24	12	23	14	24	16	24	16
8	27	4	27	4	27	4	27	4·5	27	4	27	4·5	22	8·5	24	12	24	11	25	14	25	13	24	12	21	10·5
9	23	4	17	3	17	4	17	5·5	18	6·5	18	4·5	19	12	19	14	19	18	20	16	21	23	23	26	23	21
10	21	10·5	22	10·5	20	12	22	13	22	11	22	11	22	10·5	20	10·5	20	12	23	14	25	23	24	22	23	21
11	21	18	23	12	22	12	21	7·5	22	8·5	22	13	22	13	24	13	24	16	24	19	25	19	25	18	24	21
12	19	6·5	22	4	22	4·5	22	5·5	22	6·5	22	5·5	22	5·5	24	4·5	24	4	30	4	30	3	24	4	24	4
13	23	2	23	2	23	3	23	2	23	3	23	3	23	4·5	23	6·5	25	11	23	14	24	15	25	18	24	17
14	25	3	25	2	25	4	25	4·5	25	5·5	25	4·5	21	4·5	24	5·5	24	12	25	21	26	19	24	16	23	18
15	22	9·5	22	11	22	10·5	22	8·5	23	10·5	21	8·5	23	11	23	15	24	13	24	13	23	14	24	16	25	16
16	22	7·5	22	10·5	20	8·5	21	12	21	13	21	10·5	22	16	22	16	22	15	22	19	23	21	23	18	23	20
17	22	10·5	20	7·5	21	11	21	7·5	20	5·5	20	12	21	13	22	17	21	16	22	17	22	19	21	18	22	19
18	20	8·5	19	8·5	21	17	22	13	23	14	22	12	23	13	22	14	21	8·5	22	13	21	10·5	24	14	24	14
19	21	13	22	11	20	8·5	20	4	20	6·5	21	8·5	22	10·5	22	11	23	10·5	22	10·5	20	12	24	13	25	12
20	21	3	21	3	21	2	21	3	21	3	21	4·5	21	4	21	4	21	7·5	23	7·5	25	8·5	22	7·5	20	9·5
21	5	8·5	6	8·5	7	6·5	7	7·5	7	4·5	7	4·5	7	4·5	7	4·5	7	4	7	3	6	5·5	7	4	2	4
22	5	11	6	7·5	6	9·5	6	10·5	5	9·5	7	9·5	3	9·5	5	10·5	5	11	5	8·5	5	9·5	6	10·5	5	10·5
23	6	12	5	11	5	9·5	5	10·5	6	8·5	5	11	5	11	6	11	5	13	7	16	5	15	4	14	5	15
24	5	13	5	14	5	11	5	13	5	15	5	11	5	13	5	15	5	13	5	16	4	14	5	15	5	14
25	5	6·5	5	7·5	6	5·5	6	5·5	6	4	6	3	6	4·5	4	7·5	3	6·5	4	7·5	5	5·5	1	4·5	32	3
26	21	9·5	21	8·5	21	6·5	22	10·5	21	7·5	21	6·5	21	6·5	23	8·5	23	6·5	20	4	26	5·5	2	7·5	2	5·5
27	6	4	6	3	6	2	6	2	6	4·5	30	4	25	5·5	25	8·5	27	8·5	25	11	24	13	31	10·5	30	8·5
28	3	3	3	4	3	5·5	6	4	6	4·5	6	2	6	2	6	7·5	6	7·5	5	7·5	7	7·5	2	7·5	2	8·5
29	5	4·5	5	3	5	2	5	1·5	5	2	5	2	5	3	5	3	4	7·5	2	5·5	3	10·5	3	7·5	3	4·5
30	6	5·5	6	4·5	6	5·5	6	4·5	6	4·5	6	5·5	8	6·5	8	4·5	6	4·5	3	5·5	3	7·5	3	4	3	3
31	5	10·5	5	7·5	5	3	5	3	5	3	5	2	5	2	5	2	4	4·5	4	4·5	4	3·5	2	5·5	2	5·5

RAINFALL — GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.002	.	.002
2	.002	.001	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.028	.002	.	.	.	.	.005
5	.	.	.002	.	.	.003	.080	.052	.008	.005	.	.	.	.	.008	.003	.014	.025	.050	.038	.012	.	.	.
6	.	.005	.003	.	.005	.	.002	.	.	.	.005	.015	.008	.002	.	.	.	.	.008	.	.	.	.	.
7	.	.	.008	.004	.046	.004	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.009	.003	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.002	.001	.001	.001	.	.002	.002	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	.007	.002	.009	.004	.051	.104	.082	.052	.008	.014	.008	.015	.008	.002	.008	.005	.015	.054	.060	.038	.016	.004	....	.007

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate.

HOURLY VALUES July 1878.

AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	8	8·5	7	9·5	5	14	7	15	7	14	8	14	8	11	7	11	7	9·5	8	7·5	8	5·5		
2	2	4·5	28	5·5	23	9·5	23	11	25	9·5	23	10·5	23	4·5	28	5·5	2	6·5	7	4	7	3		
3	24	6·5	25	9·5	25	10·5	25	13	26	16	24	15	24	10·5	24	8·5	25	5·5	22	4	22	3		
4	30	14	19	15	20	15	19	14	20	11	20	9·5	20	5·5	19	17	20	16	20	18	19	16		
5	19	17	19	18	19	18	20	14	19	13	21	11	22	12	22	8·5	23	11	22	12	22	9·5		
6	25	22	22	24	23	22	22	21	23	17	23	15	23	11	21	10·5	19	9·5	23	11	24	5·5		
7	24	17	25	17	24	16	24	15	24	15	23	11	24	10·5	25	9·5	25	7·5	27	4	27	3		
8	24	18	24	17	24	17	24	16	24	16	24	14	21	10·5	22	8·5	23	7·5	23	5·5	20	4·5		
9	21	20	23	18	22	19	23	18	23	18	22	17	21	13	21	14	20	12	21	14	22	12		
10	24	22	24	19	23	19	23	18	23	16	23	14	23	20	22	18	21	15	22	13	22	11		
11	24	19	25	18	24	18	24	15	25	18	24	15	23	14	22	13	23	9·5	25	6·5	25	5·5		
12	25	5·5	26	6·5	23	4·5	23	6·5	25	6·5	25	6·5	25	5·5	25	4	23	4	23	2	23	4·5		
13	25	20	23	18	24	19	24	17	25	16	23	12	25	6·5	25	5·5	25	8·5	25	7·5	25	6·5		
14	25	16	24	18	25	18	26	19	24	14	24	15	23	14	22	12	20	13	23	9·5	23	9·5		
15	24	15	24	15	24	13	22	17	22	14	22	14	22	13	20	9·5	21	10·5	21	13	22	8·5		
16	23	18	22	16	22	18	22	14	23	15	22	12	23	10·5	22	9·5	21	15	21	10·5	21	15		
17	22	19	21	20	23	19	21	19	21	19	22	18	21	17	19	13	19	13	20	15	21	12		
18	26	18	24	15	24	12	24	14	22	9·5	24	7·5	20	9·5	23	10·5	21	11	22	11	21	11		
19	26	13	25	11	25	13	25	11	22	11	22	9·5	21	12	22	10·5	21	7·5	21	4·5	21	4		
20	19	8·5	24	9·5	22	11	23	11	23	8·5	24	8·5	22	7·5	22	6·5	22	5·5	22	5·5	5	11		
21	2	3	22	5·5	22	6·5	23	8·5	25	9·5	25	6·5	25	5·5	3	9·5	5	12	6	11	5	13		
22	6	9·5	6	10·5	6	10·5	6	10·5	5	9·5	7	10·5	5	10·5	6	10·5	5	13	6	12	6	12		
23	5	16	5	13	5	18	7	18	6	20	6	16	5	15	5	18	6	16	5	12				
24	5	15	5	11	4	13	5	12	5	17	4	17	4	18	4	15	5	10·5	6	10·5	6	10·5		
25	24	45	24	8·5	24	15	25	17	24	14	24	11	23	11	22	7·5	22	8·5	21	10·5	21	7·5		
26	32	3	32	4	5	12	4	15	7	10·5	8	8·5	6	4·5	6	5·5	6	4·5	6	4	6	4		
27	26	16	24	18	26	20	26	17	25	16	24	9·5	24	8·5	24	4·5	24	4·5	24	4·5	24	2		
28	1	7·5	2	4·5	1	5·5	1	4	3	9·5	5	9·5	4	9·5	5	6·5	5	5·5	5	7·5	5	4		
29	3	5·5	32	5·5	3	5·5	3	4·5	3	6·5	7	13	7	15	7	11	9	6·5	10	7·5	6	6·5		
30	7	4	5	4	5	4	7	4	7	2	13	5·5	13	4	8	6·5	6	9·5	5	10·5	5	7·5		
31	25	7·5	23	8·5	23	8·5	22	9·5	23	6·5	24	5·5	24	4·5	24	3	1	3	1	4	1	4		

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·316	·312	·298	·300	·297	·296	·304	·315	·296	·323	·308	·333	·322	·336	·334	·331	·324	·315	·302	·319	·308	·287	·291	·291
2	·292	·268	·270	·274	·273	·271	·276	·283	·287	·276	·288	·279	·264	·272	·267	·284	·315	·315	·327	·332	·325	·314	·313	·318
3	·307	·340	·349	·340	·339	...	*	*	·278	·257	·254	·244	·271	·287	·294	·299	·309	·316	·325	·341	·342	·334	·323	·314
4	·302	·299	·304	·305	·320	·322	·323	·343	·358	·351	·349	·356	·362	·369	·371	·370	·367	·392	·380	·386	·421	·440	·438	·451
5	·463	·461	·455	·461	·457	·467	·467	·466	·457	·475	·491	·479	·492	·513	·534	·526	·539	·523	·522	·522	·512	·501	·486	·479
6	·469	·430	·403	·395	·388	·390	·381	·367	·362	·406	·420	·414	·417	·408	·395	·392	·406	·400	·388	·392	·383	·383	·389	·388
7	·383	·390	·397	·399	·391	·400	·395	·384	·363	·386	·376	·350	·360	·379	·350	·376	·366	·381	·392	·387	·382	·377	·374	·375
8	·358	·342	·330	·331	†·325	·345	·389	·352	·355	·342	·343	·351	·349	·354	·371	·343	*	†·359	·328	·348	·357	·344	·335	·331
9	·336	·344	·366	·372	·355	·364	·364	·424	·429	·405	·448	·419	·366	·380	·387	·398	·387	·383	·349	·378	·362	·351	·347	·369
10	·346	·337	·329	·337	·339	·340	·341	·344	·351	·352	·362	·342	·354	·352	·357	·356	·328	·344	·346	·350	·352	·364	·366	·357
11	·360	·366	·346	·354	·358	·366	·361	·344	·343	·339	·364	·336	·345	·332	·329	·345	·347	·338	·350	·345	·335	·333	·333	·330
12	·324	·317	·323	·335	·334	·346	·352	·363	·354	·325	·344	·337	·355	·345	·348	·362	·355	·365	·376	·386	·403	·386	·374	·351
13	·338	·346	·338	·349	·336	·342	·380	·389	·364	·343	·340	·341	·348	·366	·380	·384	*	·397	·387	·378	·364	·346	·332	·338
14	·372	·326	·315	·308	·309	·328	·341	·355	·379	·397	·386	·411	·413	·404	·405	·403	·398	·404	·388	·425	·396	·398	·388	·380
15	·363	·336	·323	·326	·327	·332	·338	·352	·344	·344	·316	·326	·335	·327	·336	·380	·399	·387	·385	·385	·411	·400	·413	·414
16	·427	·436	·445	·443	·445	·443	·430	·437	·442	·446	·462	·427	·454	·446	·447	·452	·469	·444	·443	·459	·436	·421	·420	·417
17	·421	·424	·427	·431	·432	·444	·441	·466	·465	·469	·477	·470	·491	·485	·487	·492	·492	·488	·500	·502	·492	·488	·487	·469
18	·472	·459	·457	·457	·450	·456	·464	·461	·478	·485	·503	·517	·528	·535	·550	·584	·562	·554	·539	·536	·513	·494	·498	·493
19	·494	·479	·480	·476	·473	·487	·484	·492	·503	·491	·538	·505	·501	·512	·495	·496	·506	·516	·499	·487	·470	·469	·458	·446
20	·437	·450	·431	·434	·425	·426	·412	·421	·444	·430	·461	·472	·522	·485	·497	·448	·469	·431	·424	·441	·433	·463	·448	·424
21	·419	·416	·419	·418	·419	·424	·415	·414	·413	·423	·455	·453	·462	·480	·491	·505	·412	·494	·528	·538	·491	·448	·425	·425
22	·421	·424	·421	·418	·417	·420	·425	·424	·432	·439	·441	·469	·480	·501	·512	·511	·512	·518	·519	·496	·461	·438	·437	·431
23	·434	·434	·434	·433	·436	·433	·437	·433	·433	·432	·432	·443	·464	·473	·480	·481	·475	·464	·455	·437	·429	·417	·417	·418
24	·417	·417	·417	·419	·420	·417	·411	·416	·415	·418	·424	·438	·443	·459	·465	·461	·448	·411	·365	·343	·351	·342	·393	·389
25	·387	·387	·379	·364	·364	·363	·374	·384	·392	·394	·385	·358	·349	·356	·368	·422	·436	·403	·434	·403	·399	·403	·386	·380
26	·376	·359	·352	·340	·334	·345	·365	·383	·380	·391	·381	·405	·386	·414	·420	·426	·422	·410	·402	·397	·402	·402	·402	·399
27	·397	·398	·402	·402	·400	·344	·339	·330	·299	·324	·311	·297	·403	·332	·327	·326	·336	·336	·341	·349	·349	·345	·347	·352
28	·344	·355	·347	·343	·344	·352	·359	·350	·321	·310	·316	·299	·311	·314	·340	·314	·342	·323	·342	·354	·363	·359	·347	·350
29	·340	·327	·336	·327	·331	·341	·354	·376	·311	·312	·280	·290	·293	·299	·292	·310	·304	·312	·334	·365	·362	·358	·328	·334
30	·330	·346	·348	·353	·341	·337	·334	·311	·338	·321	·322	·321	·350	·335	·342	·335	·339	·366	·372	·385	·367	·350	·340	·331
31	·315	·314	·310	·309	·306	·304	·326	·346	·369	·387	·398	·352	·378	·391	·383	·383	·390	·390	·382	·390	·372	·398	·400	·388

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG. 2°6′ W — HOURLY VALUES July 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·932	29·922	29·908	29·904	29·912	29·914	29·914	29·919	29·916	29·921	29·927	29·927	29·924
2	·891	·889	·880	·871	·866	·860	·857	·855	·851	·852	·853	·854	·851
3	·802	·807	·805	·802	·810	·823	·836	·842	·854	·864	·876	·884	·904
4	·944	·939	·929	·930	·924	·919	·916	·911	·905	·888	·869	·861	·847
5	·653	·640	·639	·651	·667	·681	·694	·695	·710	·714	·715	·711	·709
6	·545	·535	·533	·521	·533	·546	·561	·572	·579	·579	·613	·628	·636
7	·713	·708	·703	·705	·709	·711	·711	·714	·728	·740	·761	·772	·784
8	·926	·932	·937	·945	·954	·960	·969	·982	·984	·984	·984	·985	·987
9	·912	·900	·868	·844	·822	·799	·770	·752	·719	·700	·673	·636	·631
10	·609	·611	·608	·596	·594	·588	·594	·600	·601	·603	·602	·600	·604
11	·589	·580	·576	·576	·581	·587	·591	·604	·611	·608	·619	·615	·617
12	·688	·696	·696	·705	·711	·715	·723	·736	·747	·760	·765	·768	·767
13	·830	·830	·830	·832	·835	·843	·858	·864	·865	·868	·886	·890	·904
14	29·952	29·943	29·933	29·936	29·943	29·946	29·942	29·940	29·939	29·942	29·942	29·944	29·941
15	30·039	30·040	30·039	30·049	30·054	30·059	30·062	30·064	30·067	30·075	30·072	30·076	30·084
16	·072	·068	·058	·050	·049	·048	·048	·048	·044	·040	·050	·055	·050
17	·083	·074	·065	·065	·065	·070	·070	·068	·069	·073	·057	·047	·044
18	·067	·072	·080	·082	·095	·105	·114	·122	·130	·136	·131	·125	·119
19	·143	·146	·138	·131	·135	·135	·141	·145	·151	·154	·161	·155	·140
20	·095	·083	·071	·058	·054	·043	·040	·039	·037	·028	·021	·015	·021
21	·044	·031	·026	·026	·029	·029	·031	·034	·034	·028	·023	·025	·025
22	·076	·077	·075	·073	·086	·079	·081	·089	·098	30·100	30·097	30·088	30·085
23	30·053	30·038	30·025	30·017	30·012	30·007	30·008	30·007	30·000	29·997	29·984	29·976	29·957
24	29·813	29·800	29·778	29·770	29·760	29·753	29·743	29·738	29·733	·729	·723	·718	·710
25	·649	·638	·633	·618	·614	·618	·610	·612	·607	·603	·602	·604	·587
26	·585	·580	·581	·583	·589	·594	·608	·615	·620	·623	·634	·647	·654
27	·750	·751	·752	·757	·759	·771	·779	·776	·781	·794	·802	·810	·818
28	·896	·893	·888	·890	·899	·900	·906	·908	·910	·916	·918	29·920	29·920
29	29·950	29·952	29·943	29·947	29·947	29·957	29·969	29·980	29·987	29·988	29·992	30·005	30·023
30	30·132	30·136	30·136	30·137	30·149	30·164	30·176	30·185	30·194	30·204	30·209	·216	·220
31	30·292	30·290	30·292	30·290	30·292	30·292	30·295	30·303	30·306	30·303	30·304	30·306	30·303

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29·930	29·922	29·917	29·916	29·919	29·919	29·918	29·914	29·917	29·915	29·904	1
·842	·831	·818	·815	·808	·813	·810	·809	·807	·806	·806	2
·907	·914	·916	·923	·926	·934	·942	·953	·959	·960	·957	3
·831	·817	·809	·804	·800	·786	·775	·761	·729	·686	·664	4
·698	·684	·669	·651	·632	·621	·606	·592	·578	·560	·557	5
·648	·651	·656	·657	·666	·675	·687	·701	·701	·710	·712	6
·801	·807	·821	·829	·839	·859	·873	·894	·904	·911	·916	7
·991	·982	·972	·981	·979	·975	·967	·959	·962	·950	·939	8
·612	·596	·581	·578	·583	·590	·604	·608	·611	·613	·608	9
·605	·607	·609	·605	·601	·604	·603	·604	·600	·594	·587	10
·623	·624	·626	·628	·639	·651	·663	·671	·679	·683	·681	11
·766	·765	·770	·775	·782	·806	·827	·832	·835	·837	·827	12
·903	·904	·896	·906	·911	·918	29·924	29·939	29·944	29·944	29·953	13
29·952	29·954	29·960	29·955	29·963	29·984	30·014	30·019	30·026	30·031	30·036	14
30·080	30·083	30·082	30·091	30·094	30·095	·091	·103	·095	·092	·074	15
·047	·052	·057	·057	·065	·068	·081	·082	·090	·089	·076	16
·031	·027	·015	·019	·012	·015	·025	·039	·039	·039	·063	17
·117	·115	·105	·109	·121	·121	·133	·149	·151	·151	·155	18
·126	·107	·096	·088	·087	·095	·100	·108	·111	·101	·098	19
·024	·031	·034	·028	·034	·047	·049	·058	·058	·054	·053	20
·024	·021	·019	·024	·028	·032	·050	·058	·074	·077	·078	21
30·074	30·068	30·065	30·064	30·063	30·066	30·065	30·069	30·067	30·066	30·062	22
29·942	29·927	29·913	29·905	29·885	29·875	29·869	29·865	29·857	29·845	29·830	23
·703	·684	·678	·674	·668	·669	·670	·669	·673	·669	·660	24
·582	·580	·564	·564	·559	·559	·566	·575	·569	·572	·579	25
·658	·656	·651	·656	·666	·679	·691	·703	·726	·734	·744	26
·827	·830	·828	·845	·860	·863	·882	·885	·893	·893	·898	27
29·915	29·913	29·910	29·913	29·920	29·934	29·948	29·943	29·938	29·943	29·945	28
30·035	30·045	30·056	30·059	30·067	30·076	30·085	30·105	30·120	30·120	30·127	29
·223	·226	·232	·231	·236	·247	·263	·278	·284	·289	·292	30
30·297	30·297	30·297	30·292	30·294	30·299	30·304	30·309	30·310	30·312	30·307	31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	51·0	50·7	51·1	51·4	51·0	50·8	51·3	51·4	52·1	52·2	52·7	53·6	54·1	54·3	54·0	54·7	53·4	53·1	52·1	51·0	51·3	51·2	50·0	49·2
2	49·0	49·0	48·6	47·4	48·1	48·4	49·3	50·3	51·0	52·2	53·0	53·4	54·1	54·4	55·6	55·8	55·5	56·3	55·0	52·2	51·0	50·5	49·6	49·3
3	48·7	48·6	46·5	44·8	46·7	48·2	50·1	48·7	52·7	54·1	54·4	55·4	54·5	55·3	55·4	55·6	56·0	56·1	54·3	54·0	50·6	48·7	44·0	42·7
4	41·0	40·4	40·6	40·9	41·7	45·1	51·8	55·0	54·8	57·2	57·5	58·2	57·9	59·8	58·6	56·1	57·8	58·5	57·5	56·6	55·4	55·2	55·2	55·2
5	55·6	59·9	60·7	61·0	59·3	58·8	58·3	59·3	60·6	60·9	58·8	59·4	60·0	58·7	60·3	58·1	56·4	56·1	56·1	55·8	55·7	57·0	60·0	59·9
6	58·8	57·6	57·3	60·1	60·4	62·3	61·5	61·9	62·5	64·5	66·1	65·9	66·4	67·0	68·3	66·4	65·7	63·4	62·2	62·3	61·1	60·2	59·1	58·1
7	58·1	57·9	57·3	57·0	57·7	57·7	58·9	59·8	58·1	59·4	59·6	60·7	61·1	57·6	55·2	56·0	55·4	55·6	55·1	54·2	54·0	53·0	50·9	50·0
8	49·2	50·0	49·2	49·3	50·5	54·1	54·7	56·2	57·9	59·6	62·3	63·0	61·0	61·0	60·0	61·8	59·7	59·3	58·3	56·9	56·9	56·0	56·2	56·1
9	56·0	55·0	53·3	53·3	54·6	57·4	57·0	56·8	57·6	60·1	61·6	65·0	66·9	66·2	67·5	68·2	64·6	63·6	62·3	58·4	57·6	57·0	55·8	55·4
10	56·2	55·4	54·9	54·2	55·1	55·1	58·4	58·0	58·5	59·9	61·1	62·5	61·4	62·2	62·1	61·8	62·0	60·0	58·6	57·3	55·9	54·6	54·0	54·0
11	54·2	54·7	54·7	54·0	54·3	55·0	55·4	55·7	53·2	57·3	58·0	58·4	59·3	57·3	59·0	58·6	56·8	57·1	55·9	54·7	53·7	52·7	52·6	52·8
12	52·7	52·1	52·0	51·8	52·8	54·1	54·8	55·8	58·3	57·6	60·0	60·9	61·5	61·0	62·0	61·6	62·1	60·3	56·2	54·0	53·0	53·0	53·0	52·2
13	52·2	52·9	53·6	53·5	52·9	52·8	53·3	53·8	54·1	56·6	56·0	56·4	56·8	57·3	57·4	57·1	56·3	55·9	55·5	54·1	53·6	53·5	53·7	52·9
14	52·6	53·1	52·8	53·1	53·6	54·7	56·0	58·3	59·9	59·4	61·8	62·4	62·8	62·7	62·7	62·5	63·4	65·1	62·1	58·8	54·6	52·6	50·8	52·2
15	52·1	51·9	51·2	51·0	51·6	52·6	54·3	55·2	56·8	58·7	60·2	63·0	60·8	61·4	62·0	60·5	60·0	59·0	56·7	55·3	54·6	54·3	54·3	54·0
16	53·0	51·3	49·7	50·1	52·1	55·4	58·6	63·4	66·8	67·8	66·3	65·5	66·8	67·9	65·7	65·0	65·2	62·4	60·7	59·8	60·1	59·3	59·7	59·8
17	58·4	58·8	57·6	57·2	59·0	60·2	62·4	65·2	68·0	70·0	69·5	71·9	70·8	70·0	69·4	68·1	70·9	70·0	75·0	71·7	70·0	69·5	68·4	67·0
18	65·6	64·4	61·4	61·4	62·4	64·4	69·0	67·0	67·7	68·4	70·6	75·7	76·3	77·2	77·4	77·2	77·9	70·4	70·1	73·0	71·2	67·8	68·3	67·9
19	68·4	67·3	66·7	66·0	68·5	71·3	72·4	72·4	72·7	68·1	69·5	64·0	65·0	63·1	62·7	62·0	62·0	61·8	62·3	60·8	59·5	59·1	58·0	57·5
20	57·2	57·4	57·8	58·0	58·8	59·4	60·1	61·0	58·9	60·7	61·5	60·6	60·4	59·4	58·2	58·2	57·6	56·8	56·6	56·4	56·3	56·3	56·3	56·5
21	56·7	57·0	56·8	56·7	56·6	56·9	57·0	57·3	57·4	58·0	59·3	59·3	60·1	60·4	59·6	60·0	59·5	59·0	57·5	57·2	55·8	56·7	57·1	[illegible]
22	55·6	55·6	55·1	55·3	55·8	56·2	57·4	57·9	57·4	57·9	58·4	59·4	60·2	61·0	61·0	61·1	59·4	59·3	58·2	57·4	58·0	57·0	57·6	57·7
23	57·3	56·7	56·8	56·7	56·3	56·6	56·7	57·0	57·7	58·6	60·0	59·9	61·6	61·6	60·3	59·0	58·9	58·0	57·9	57·3	57·0	55·6	55·6	55·8
24	56·0	55·6	55·7	55·7	55·5	56·4	57·2	58·1	59·6	61·6	61·0	60·2	61·0	60·4	60·5	60·0	59·4	58·6	58·0	57·5	55·9	55·7	53·0	53·5
25	53·5	52·7	54·6	55·9	57·0	58·2	59·4	60·1	60·1	60·0	61·8	62·4	62·0	63·9	63·6	63·5	64·1	60·6	60·8	60·2	59·3	58·4	56·1	54·8
26	56·8	58·3	57·9	57·6	56·6	57·3	57·7	58·6	58·7	60·4	59·2	59·4	57·8	56·7	58·4	60·0	62·4	59·3	58·3	57·1	56·1	54·0	52·6	51·9
27	50·1	49·9	50·1	50·1	50·7	52·2	55·0	56·1	58·0	59·1	59·0	56·8	58·7	60·0	59·0	61·0	57·6	57·2	57·1	57·3	56·2	54·6	54·0	55·3
28	53·4	53·4	52·7	52·6	52·2	52·6	53·0	55·2	56·1	55·2	54·2	50·6	57·0	58·3	59·1	58·2	57·7	56·2	55·0	53·2	52·7	52·2	52·1	51·7
29	[illegible]	[illegible]	45·0	48·0	49·2	51·3	56·3	56·3	57·6	55·0	59·1	60·5	56·7	55·0	55·0	55·6	56·1	56·1	55·6	54·8	52·4	50·0	51·0	50·4
30	48·6	48·0	48·1	47·1	49·0	53·6	56·7	56·1	56·5	57·2	57·9	55·7	56·0	56·0	56·2	55·7	55·7	55·6	55·2	53·8	51·6	47·0	46·0	45·1
31	42·5	42·4	42·3	42·7	42·2	47·1	51·9	57·1	58·7	63·0	64·1	65·4	64·1	63·8	61·2	60·1	59·8	59·3	55·2	56·6	55·7	55·2	54·7	54·4

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	49·1	49·9	50·3	49·7	47·7	48·0	48·1	48·0	49·0	48·0	48·9	49·3	49·6	49·2	48·8	48·4	48·5	48·6	48·4	47·4	48·0	47·8	46·8	47·1
2	47·0	46·6	46·2	46·2	46·3	46·4	46·2	47·5	47·1	47·6	47·6	47·3	48·1	47·8	48·2	48·4	48·0	48·7	48·7	47·1	47·1	46·9	46·8	46·4
3	46·5	46·0	43·8	43·0	43·9	45·2	46·1	45·8	46·5	47·6	47·3	47·0	47·4	46·8	48·1	48·0	48·3	48·6	47·8	47·5	45·8	45·0	42·3	41·3
4	40·3	39·8	39·8	40·1	40·8	43·7	49·1	50·7	49·7	51·0	51·7	51·9	53·1	53·7	54·6	54·0	55·6	55·8	55·9	55·2	54·7	54·6	54·2	54·2
5	54·3	56·7	57·2	57·7	58·0	58·2	57·4	58·0	58·4	58·8	57·7	58·1	59·1	58·0	59·1	57·1	55·8	55·6	55·7	55·4	55·3	56·3	59·4	59·0
6	57·9	56·7	55·4	56·3	56·7	57·6	...	*	...	56·6	57·2	56·8	56·9	57·6	58·2	57·8	58·5	58·4	58·4	56·3	56·0	55·4	54·8	54·1
7	54·0	53·4	53·3	53·2	53·6	54·0	54·4	55·4	53·7	54·3	54·1	54·2	54·7	54·0	52·3	52·0	51·6	51·6	51·6	51·4	51·4	50·6	49·4	48·4
8	46·3	48·4	47·8	47·6	48·5	51·3	50·9	51·6	52·2	53·0	55·1	55·7	55·0	55·0	54·1	55·5	54·4	54·0	54·4	54·4	54·1	52·6	52·7	52·0
9	51·5	50·2	48·8	49·1	50·0	52·2	52·2	52·7	54·6	55·6	57·0	59·3	59·7	60·1	58·6	57·5	58·8	57·4	57·4	56·6	54·5	54·4	53·3	51·4
10	51·1	51·1	51·6	51·3	51·1	51·5	52·7	52·8	52·6	53·8	53·0	54·8	54·7	55·5	54·0	54·8	55·4	54·2	53·7	52·9	53·6	52·6	52·4	52·2
11	52·4	52·2	51·8	51·4	51·4	52·0	51·7	51·3	51·2	52·2	52·4	52·7	53·0	53·1	53·1	52·8	52·5	52·5	52·2	51·6	51·7	51·6	51·4	51·3
12	51·1	51·2	51·3	51·1	51·7	52·0	52·9	52·1	53·5	53·4	54·1	54·3	54·0	52·8	53·4	53·4	54·1	53·6	51·8	49·8	49·0	49·0	49·6	49·4
13	49·5	50·0	50·6	50·3	49·7	49·4	50·0	50·0	50·0	51·3	51·1	51·4	52·0	52·3	52·0	51·9	51·5	51·7	51·6	50·2	50·0	50·3	50·2	49·7
14	49·5	49·4	49·7	49·8	50·0	51·0	52·1	53·6	54·7	54·4	56·3	[illegible]	50·9	56·8	56·6	56·7	57·3	57·0	50·4	52·7	51·1	50·1	49·0	49·5
15	49·3	49·1	48·7	48·6	49·0	49·3	50·2	50·6	51·4	52·6	53·8	55·7	55·1	55·6	56·0	54·7	54·3	54·4	54·0	53·4	52·8	52·8	52·7	52·4
16	[illegible]	49·8	48·2	48·9	50·7	53·1	55·0	58·4	60·1	61·2	61·1	61·6	62·0	63·2	61·4	62·0	62·1	59·5	58·6	57·9	58·6	58·1	58·1	58·2
17	57·4	[illegible]	50·4	56·0	[illegible]	[illegible]	54·0	61·2	61·5	63·0	62·6	64·0	63·0	63·5	63·4	62·0	[illegible]	66·4	65·4	64·9	63·5	63·4	62·4	61·7
18	60·5	59·0	[illegible]	58·2	59·1	60·0	62·5	61·0	61·0	61·2	62·0	64·2	66·0	67·5	[illegible]	67·1	67·1	66·1	66·2	64·7	64·0	63·3	62·7	62·6
19	61·7	61·6	61·3	61·0	63·0	64·2	64·9	64·0	65·2	62·6	64·0	61·0	61·7	60·0	59·8	59·5	59·6	59·4	59·6	58·9	58·3	57·8	57·4	56·6
20	56·0	56·2	56·4	56·6	56·9	57·6	58·1	58·8	57·5	58·6	59·0	58·6	58·4	57·9	57·2	57·4	57·0	56·4	56·4	56·3	56·3	56·3	56·0	50·1
21	55·3	50·4	50·4	50·2	56·2	56·4	56·4	56·3	56·4	56·7	57·4	57·4	57·8	58·1	57·5	58·0	57·6	57·3	56·6	56·4	55·3	56·1	56·2	55·6
22	55·0	54·7	54·5	55·0	55·6	55·2	56·4	56·8	56·4	56·6	56·4	56·4	56·2	56·6	56·8	56·9	55·9	55·8	55·2	55·2	55·2	55·3	55·2	55·0
23	54·7	54·1	54·3	54·4	54·1	54·0	54·6	55·0	55·3	55·7	56·4	56·3	57·3	57·1	56·6	56·0	56·3	55·6	55·7	55·6	55·6	55·1	55·1	54·7
24	55·1	54·4	54·4	54·6	54·0	55·0	55·1	55·2	55·6	57·0	50·5	57·0	58·0	57·6	58·0	57·4	57·4	57·0	57·1	56·4	55·7	54·9	52·0	52·4
25	52·6	52·0	54·0	55·1	56·4	57·2	58·1	58·5	58·4	58·5	59·1	59·0	59·1	59·2	[illegible]	58·9	59·3	59·1	59·0	58·3	57·7	57·2	55·1	53·9
26	55·7	56·5	56·1	55·6	54·6	55·0	54·9	55·2	54·1	54·4	54·1	53·5	53·4	53·6	54·5	54·8	55·0	52·4	52·3	52·1	52·3	52·3	51·2	49·6
27	48·5	47·9	48·2	48·2	48·0	49·4	50·8	51·2	51·3	50·6	52·4	52·7	53·0	52·7	52·0	52·8	53·9	53·1	53·2	52·4	51·3	50·0	50·6	50·3
28	50·5	50·2	50·5	50·4	50·6	49·7	49·9	50·4	50·7	51·0	51·3	51·2	51·1	51·2	51·1	51·4	52·2	51·8	51·8	50·8	51·0	50·6	51·0	50·6
29	49·4	48·4	47·1	47·0	47·8	49·8	52·4	51·2	52·2	52·3	52·9	53·7	54·5	54·0	53·6	53·6	53·3	52·5	52·0	51·4	49·5	48·4	49·4	48·9
30	47·6	47·2	47·4	46·4	48·2	51·7	51·7	51·1	51·0	51·1	51·6	51·0	51·2	51·7	51·1	51·0	50·4	50·4	50·1	49·6	48·5	46·0	45·1	44·1
31	42·3	41·9	41·8	42·2	41·6	46·3	49·7	53·3	55·0	56·7	55·7	57·0	56·1	57·3	56·4	55·7	55·5	55·1	54·9	54·5	54·0	53·7	53·4	53·0

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10'N. LONG: 2°6' W.

HOURLY VALUES July 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	28	12	28	9·5	28	10·5	30	10·5	30	9·5	30	10·5	29	12	29	12	30	13	29	14	30	15	30	15
2	30	7·5	30	9·5	28	10·5	28	10·5	29	10·5	29	12	29	12	28	11	32	9·5	31	13	30	12	28	12
3	30	5·5	30	8·5	30	11	30	9·5	29	10·5	28	13	27	14	32	12	29	16	32	15	28	18	29	16
4	31	5·5	31	7·5	28	6·5	28	7·5	28	6·5	28	4	28	3	28	4	32	7·5	10	9·5	12	11	12	9·5
5	18	6·5	21	9·5	20	9·5	22	8·5	26	8·5	26	4	26	8·5	26	10·5	26	7·5	26	4	26	5·5	26	6·5
6	18	5·5	22	8·5	23	7·5	23	12	24	11	24	19	24	27	25	25	24	27	24	24	24	28	24	22
7	23	8·5	23	8·5	23	7·5	23	5·5	23	6·5	23	7·5	24	11	24	15	28	17	28	17	30	17	29	12
8	4	4·5	4	4·5	4	4	4	4·5	4	4·5	28	11	26	14	26	17	26	11	26	12	26	9·5	26	9·5
9	16	5·5	16	7·5	16	7·5	16	4	16	5·5	16	7·5	18	8·5	18	9·5	19	10·5	17	10·5	18	15	14	14
10	26	7·5	25	7·5	25	4	25	4	25	6·5	21	9·5	20	11	24	11	23	9·5	24	8·5	25	14	25	8·5
11	22	5·5	22	7·5	25	12	25	9·5	26	10·5	26	15	26	17	26	15	26	16	26	17	26	19	27	18
12	26	6·5	26	8·5	26	8·5	26	6·5	26	8·5	26	8·5	27	12	27	13	29	12	28	15	29	14	28	15
13	27	13	27	14	27	16	27	17	27	23	27	25	27	25	27	25	28	30	27	26	27	26	28	24
14	28	12	28	12	26	15	26	16	26	16	26	16	26	19	26	23	27	22	26	22	26	18	26	19
15	29	6·5	29	9·5	28	8·5	28	6·5	28	5·5	28	8·5	26	10·5	26	12	26	14	26	11	26	5·5	29	7·5
16	14	3	14	3	14	3	14	4·5	14	3	14	2	14	1·5	14	5·5	20	5·5	24	5·5	15	8·5	24	4
17	14	3	14	3	14	4	14	4	14	2	14	2	14	4	14	4·5	20	5·5	22	4	13	11	14	13
18	22	11	23	4·5	23	4·5	23	3	23	4	23	3	23	4	4	4·5	5	5·5	7	5·5	11	6·5	25	12
19	24	13	24	11	22	9·5	22	6·5	22	4	22	6·5	26	8·5	26	12	27	7·5	6	8·5	6	7·5	7	10·5
20	4	2	4	2	4	3	4	3	8	5·5	12	7·5	13	8·5	14	8·5	14	8·5	14	7·5	10	10·5	9	8·5
21	7	4·5	7	4	7	4·5	7	4·5	7	2	7	4	7	4·5	7	4·5	7	3	7	4·5	7	6·5	10	8·5
22	10	4	10	3	10	4	10	4	10	3	10	5·5	10	5·5	10	5·5	10	8·5	13	10·5	12	11	12	13
23	15	11	15	8·5	15	10·5	15	10·5	15	12	14	11	14	13	14	13	14	15	14	14	14	19	14	16
24	14	12	14	9·5	14	11	14	10·5	14	12	14	11	14	12	14	13	14	16	14	16	14	13	12	15
25	12	4	12	4	12	3	12	2	12	5·5	12	9·5	12	7·5	12	7·5	12	8·5	12	10·5	11	9·5	11	12
26	14	4·5	30	9·5	28	13	29	9·5	28	12	28	14	28	16	30	14	27	14	28	18	29	17	28	14
27	27	5·5	27	5·5	25	7·5	25	6·5	24	6·5	24	5·5	25	12	26	16	28	15	26	12	29	11	29	8·5
28	26	5·5	24	7·5	25	9·5	25	12	26	10·5	26	11	28	9·5	28	14	28	12	27	12	26	14	30	13
29	27	8·5	27	8·5	27	7·5	27	11	27	10·5	27	12	30	15	28	14	28	15	32	16	27	16	28	15
30	28	7·5	28	7·5	28	8·5	28	8·5	28	7·5	28	6·5	29	10·5	1	9·5	31	7·5	30	9·5	31	9·5	5	11
31	29	6·5	29	4	29	6·5	29	4	29	5·5	29	3	29	2	22	4·5	11	5·5	11	8·5	12	14	14	11

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	30	16	32	17	28	14	29	14	32	15	31	12	32	12	28	11	29	11	29	9·5	30	7·5	30	9·5
2	30	11	30	12	30	12	31	11	30	12	30	12	30	10·5	30	6·5	30	5·5	30	5·5	30	5·5	30	7·5
3	32	14	30	16	30	17	30	13	29	13	30	10·5	31	7·5	31	6·5	31	5·5	31	4·5	31	4·5	31	7·5
4	12	10·5	12	6·5	12	5·5	12	4	12	4·5	23	5·5	23	4·5	20	9·5	20	6·5	18	7·5	18	4·5	18	4
5	15	10·5	15	8·5	15	8·5	12	6·5	11	4	11	4	11	2	11	3	11	2	11	3	11	4·5	14	7·5
6	25	23	25	14	25	18	24	17	25	15	26	12	26	8·5	26	10·5	26	11	24	10·5	24	8·5	24	6·5
7	29	11	5	12	6	10·5	11	8·5	9	6·5	9	4·5	9	4·5	9	4	9	3	4	4·5	4	4·5	4	5·5
8	11	11	11	10·5	13	11	14	9·5	16	4·5	17	8·5	16	7·5	16	5·5	16	6·5	16	8·5	16	6·5	16	4·5
9	19	16	18	11	25	16	24	16	26	11	26	10·5	27	10·5	27	8·5	26	4·5	26	2	26	4	26	5·5
10	25	9·5	25	10·5	25	13	24	9·5	23	7·5	24	13	23	8·5	23	9·5	24	6·5	22	6·5	22	5·5	22	8·5
11	27	14	26	11	27	12	26	16	27	12	26	12	26	12	26	12	26	9·5	26	8·5	26	9·5	26	7·5
12	29	16	28	17	28	18	28	17	29	18	28	17	29	15	28	13	28	12	28	14	27	15	27	17
13	29	20	27	23	27	20	27	21	27	23	28	17	27	18	28	14	28	13	27	12	27	16	27	15
14	27	18	26	17	26	18	25	19	26	16	26	15	29	13	30	11	29	10·5	29	5·5	29	4	29	7·5
15	11	10·5	11	11	12	8·5	12	10·5	12	9·5	12	11	12	7·5	12	6·5	12	6·5	12	8·5	13	7·5	14	5·5
16	24	3	24	4·5	16	4·5	16	3	16	4·5	10	4	10	4	10	3	10	3	10	4·5	14	4	14	4·5
17	13	12	13	6·5	9	6·5	10	5·5	10	3	23	10·5	24	15	23	7·5	21	9·5	18	9·5	20	15	22	11
18	24	11	24	15	25	17	25	23	25	15	24	9·5	24	10·5	24	11	25	9·5	23	8·5	23	9·5	22	5·5
19	10	8·5	10	7·5	10	7·5	10	6·5	7	9·5	4	11	4	10·5	4	5·5	4	6·5	4	4·5	4	3	4	4
20	6	10·5	9	8·5	10	6·5	10	8·5	7	10·5	7	9·5	7	8·5	7	6·5	7	6·5	7	5·5	7	6·5	7	4
21	11	7·5	11	8·5	9	7·5	10	5·5	10	4·5	10	4	10	4	10	3	10	4	10	3	10	4·5	10	5·5
22	14	16	14	15	13	17	14	16	13	16	13	11	14	12	14	9·5	14	9·5	15	9·5	15	8·5	15	9·5
23	14	18	14	20	14	17	14	19	15	16	14	15	14	12	14	13	14	12	14	12	14	9·5	14	13
24	13	15	13	13	11	10·5	12	14	12	11	12	9·5	12	9·5	12	6·5	12	6·5	12	4·5	12	4	12	4
25	11	10·5	11	14	13	12	13	14	13	9·5	12	11	13	10·5	14	7·5	14	5·5	14	3	14	4	14	4·5
26	28	15	28	8·5	28	7·5	29	10·5	29	13	30	15	29	10·5	28	7·5	28	5·5	27	8·5	27	7·5	27	10·5
27	30	9·5	28	8·5	29	5·5	30	6·5	12	9·5	15	5·5	16	2	16	4	16	4	26	6·5	26	4	26	6·5
28	29	11	30	11	30	13	28	15	26	11	26	6·5	28	7·5	32	6·5	30	6·5	28	9·5	27	8·5	27	8·5
29	30	15	28	12	30	14	29	12	32	12	30	9·5	28	7·5	28	5·5	28	5·5	28	8·5	28	8·5	28	7·5
30	6	14	7	14	6	14	6	14	7	12	7	11	7	5·5	7	4	7	3	7	4·5	30	6·5	30	7·5
31	13	15	14	14	13	16	14	17	14	13	14	12	14	13	14	10·5	14	6·5	14	8·5	14	6·5	16	6·5

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·	·	·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·010	·010	·030	·035	·	·
5	·	·	·	·	·005	·025	·035	·	·	·	·	·	·	·020	·005	·	·	·010	·035	·005	·005	·010	·	·
6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·	·	·	·	·	·	·005	·015	·010	·005
11	·	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·	·
12	·	·010	·030	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
13	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
14	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
15	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
16	·	·	·	·	·	·	·	·	·	·	·	·	·015	·	·005	·	·	·	·	·	·	·	·	·
17	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
18	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
20	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·	·	·	·
21	·005	·005	·	·	·	·	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
22	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
23	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
24	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
25	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
26	·	·	·	·	·	·	·	·	·	·	·	·	·	·015	·005	·	·	·	·	·	·	·020	·	·
27	·	·	·	·	·	·	·	·	·	·	·	·005	·005	·	·	·	·	·	·	·	·	·	·	·
28	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010
29	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·020	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
31	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·015	·005	·020	·040	-	·005	·025	·040	-	·005	-	-	·005	·020	·065	·035	-	-	·030	·045	·045	·040	·090	·010	·015
2	1	3	2	-	1	1	2	-	1	-	-	1	2	4	4	-	-	2	2	4	3	5	1	2

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·326	·350	·355	·336	·292	·301	·297	·294	·309	·285	·300	·299	·300	·289	·284	·271	·284	·289	·295	·285	·295	·292	·282	·298
2	·298	·289	·284	·298	·291	·291	·277	·296	·278	·277	·269	·259	·268	·260	·260	·263	·257	·265	·274	·266	·278	·279	·266	·281
3	·290	·280	·255	·255	·255	·265	·266	·275	·250	·258	·251	·239	·253	·235	·260	·256	·260	·265	·261	·258	·255	·256	·250	·244
4	·242	·238	·236	·238	·245	·267	·316	·318	·297	·302	·316	·314	·346	·339	·375	·390	·412	·409	·425	·417	·419	·418	·407	·407
5	·404	·416	·420	·430	·463	·477	·458	·463	·456	·466	·461	·464	·488	·472	·483	·453	·437	·436	·438	·434	·432	·443	·498	·487
6	·467	·418	·413	·402	·410	·412	...	·*·	... 373	†·361	·360	·352	·351	·362	·364	·372	·397	·421	·436	·377	·382	·377	·374	·369
7	·366	·353	·356	·356	·360	·370	·365	·381	·359	·358	·351	·342	·350	·371	·355	·340	·336	·334	·338	·342	·344	·337	·334	·319
8	·327	·319	·314	·308	·317	·341	·326	·328	·324	·325	·347	·354	·358	·358	·347	·362	·357	·351	·373	·389	·381	·355	·356	·339
9	·329	·307	·292	·298	·305	·328	·332	·347	·387	·384	·403	·427	·417	·435	·382	·349	·418	·391	·406	·433	·384	·388	·375	·331
10	·316	·324	·340	·340	·326	·331	·330	·337	·327	·340	·310	·337	·347	·358	·322	·344	·357	·349	·352	·346	·382	·370	·371	·366
11	·360	·358	·347	·344	·341	·349	·338	·326	·349	·328	·328	·330	·327	·351	·332	·330	·344	·338	·346	·342	·356	·367	·364	·358
12	·354	·365	·369	·367	·369	·359	·375	·345	·351	·356	·347	·342	·329	·307	·310	·314	·324	·332	·332	·306	·299	·299	·313	·318
13	·321	·323	·329	·324	·316	·310	·318	·312	·309	·316	·319	·321	·330	·331	·337	·324	·325	·334	·335	·314	·315	·324	·319	·316
14	·316	·307	·318	·316	·315	·328	·343	·353	·363	·360	·382	·373	·386	·386	·380	·385	·391	·365	·382	·347	·331	·330	·325	·321
15	·317	·314	·313	·313	·315	·311	·313	·314	·316	·324	·337	·354	·363	·369	·372	·357	·352	·364	·381	·383	·375	·378	·376	·371
16	·366	·339	·318	·331	·352	·388	·399	·421	·429	·449	·464	·490	·486	·509	·481	·510	·510	·467	·462	·453	·471	·466	·460	·462
17	·448	·455	·438	·431	·445	·453	·470	·481	·456	·476	·469	·484	·466	·492	·494	·488	·492	·509	·491	·515	·480	·494	·477	·474
18	·458	·443	·443	·440	·454	·455	·466	·453	·445	·442	·440	·449	·494	·532	·511	·519	·512	·496	·501	·493	·492	·488	·487	·490
19	·456	·467	·466	·464	·494	·497	·506	·479	·512	·488	·512	·492	·500	·473	·472	·472	·475	·471	·471	·470	·470	·460	·455	·446
20	·431	·435	·436	·439	·436	·449	·455	·464	·454	·462	·463	·464	·460	·458	·454	·461	·456	·449	·452	·452	·454	·449	·444	·444
21	·448	·446	·449	·448	·446	·447	·446	·439	·441	·442	·444	·444	·446	·450	·444	·453	·448	·445	·448	·443	·431	·442	·439	·438
22	·425	·416	·417	·429	·440	·452	·441	·446	·441	·440	·427	·414	·398	·399	·405	·406	·399	·398	·395	·400	·399	·402	·404	·397
23	·393	·384	·388	·392	·390	·400	·398	·405	·405	·405	·406	·404	·412	·406	·408	·407	·417	·410	·414	·418	·422	·414	·414	·414
24	·422	·407	·406	·412	·423	·413	·406	·398	·396	·403	·397	·420	·439	·436	·446	·435	·443	·442	·440	·440	·426	·420	·374	·379
25	·384	·378	·409	·423	·446	·454	·464	·468	·465	·469	·462	·451	·459	·438	·424	·434	·439	·479	·473	·460	·455	·451	·421	·403
26	·428	·432	·424	·415	·400	·401	·394	·391	·361	·351	·355	·338	·354	·371	·375	·364	·343	·314	·322	·328	·348	·368	·369	·327
27	·316	·308	·313	·313	·302	·318	·320	·321	·303	·278	·312	·347	·334	·314	·308	·307	·369	·352	·356	·334	·321	·327	·324	·326
28	·330	·322	·339	·337	·348	·320	·309	·309	·309	·323	·340	·314	·306	·297	·288	·303	·326	·332	·336	·339	·351	·348	·360	·355
29	·337	·323	·312	·309	·314	·339	·346	·318	·327	·325	·327	·332	·395	·403	·392	·385	·372	·352	·344	·337	·318	·319	·333	·328
30	·316	·314	·318	·307	·327	·358	·324	·318	·311	·304	·310	·319	·322	·333	·316	·319	·306	·307	·303	·303	·304	·290	·282	·276
31	·264	·260	·259	·263	·256	·296	·329	·358	·384	·379	·343	·362	·353	·386	·392	·386	·384	·380	·388	·397	·395	·392	·390	·383
									11486												11765			
									0·371												0·380			

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N LONG 5° 4' W

HOURLY VALUES July 1878.

BAROMETER.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·725	29·711	29·699	29·695	29·693	29·690	29·690	29·695	29·688	29·683	29·678	29·681	29·678
2	·622	·618	·606	·602	·600	·602	·608	·614	·628	·644	·647	·651	·657
3	·757	·761	·761	·764	·767	·777	·795	29·796	29·799	29·809	29·812	29·826	29·848
4	·972	·972	·972	·972	·979	·984	·998	30·006	30·006	30·006	30·016	30·010	30·010
5	·982	·972	·958	·951	·951	·951	·954	29·966	29·964	29·967	29·967	29·965	29·965
6	·901	·889	·876	·871	·871	·868	·873	·879	·880	·877	·874	·876	·870
7	·882	·874	·872	·874	·884	·886	·890	·907	·904	·900	·898	·898	·896
8	29·809	·801	·809	·823	·836	·853	·873	·901	·921	·935	·953	·958	·968
9	30·000	·997	·997	·985	·978	·969	·967	·963	·961	·955	·948	·927	·922
10	29·834	·826	·818	·814	·818	·814	·820	·828	·838	·848	·855	·859	·855
11	·859	·840	·840	·831	·827	·821	·830	·831	·837	·835	·839	·838	·835
12	·799	·789	·781	·778	·778	·777	·783	·793	·793	·788	·787	·771	·768
13	·665	·651	·649	·661	·655	·671	·687	·697	·719	·730	·752	·762	·777
14	29·880	29·874	29·878	29·886	29·892	29·916	29·926	29·938	29·960	29·952	29·954	29·954	29·962
15	30·012	30·012	30·006	30·018	30·022	30·032	30·042	30·054	30·062	30·066	30·070	30·075	30·070
16	·079	·077	·075	·071	·078	·091	·101	·111	·123	·121	·119	·127	·121
17	·123	·111	·106	·109	·105	·111	·117	·127	·123	·125	·123	·124	·118
18	·125	·118	·114	·114	·123	·132	·138	·152	·154	·154	·156	·151	·146
19	30·079	30·067	30·056	30·051	30·051	30·051	30·053	30·051	30·051	30·039	30·031	30·027	30·015
20	29·891	29·871	29·848	29·841	29·839	29·837	29·833	29·831	29·831	29·831	29·827	29·823	29·810
21	·742	·722	·722	·717	·720	·740	·752	·756	·762	·774	·796	·764	·761
22	·760	·754	·754	·758	·760	·772	·780	·783	·783	·784	·783	·778	·783
23	·738	·730	·720	·714	·714	·716	·728	·728	·726	·722	·728	·716	·711
24	·580	·578	·556	·544	·546	·548	·556	·568	·566	·573	·576	·586	·588
25	·600	·603	·591	·586	·590	·604	·611	·628	·622	·626	·640	·628	·637
26	·607	·599	·588	·596	·605	·619	·637	·659	·669	·677	·691	·696	·696
27	·666	·680	·696	·712	·724	·746	·764	·774	·786	·794	·816	·818	·830
28	·810	·786	·772	·766	·762	·759	·764	·764	·758	·752	·748	·746	·741
29	·761	·764	·768	·772	·776	·790	·811	·822	·826	·831	·839	·841	·840
30	29·901	29·907	29·911	29·915	29·923	29·933	29·943	29·953	29·959	29·965	29·977	29·987	29·990
31	30·080	30·077	30·077	30·084	30·092	30·102	30·112	30·122	30·126	30·126	30·129	30·119	30·111

DAYS	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·673	29·668	29·658	29·644	29·641	29·636	29·633	29·636	29·633	29·632	29·630
2	659	·659	·664	·671	·686	·695	·711	·725	·731	·741	·747
3	29·863	29·866	29·883	·891	·898	·916	·929	·956	·962	·968	·972
4	30·010	30·008	30·001	·994	·992	·992	·994	·996	·996	·996	·992
5	29·957	29·955	29·951	·941	·935	·931	·929	·935	·927	·915	·917
6	·882	·872	·874	·870	·866	·877	·880	·888	·886	·892	·884
7	·895	·891	·884	·873	·864	·859	·845	29·839	29·835	29·821	29·815
8	·973	·983	·980	·978	·990	·993	·997	30·011	30·015	30·013	30·009
9	·888	·868	·862	·852	·842	·840	·832	29·836	29·844	29·842	29·838
10	·857	·849	·845	·850	·843	·843	·853	·869	·869	·869	·865
11	·829	·827	·823	·819	·815	·813	·819	·823	·820	·816	·805
12	·755	·735	·727	·709	·701	·695	·687	·683	·679	·671	·665
13	·782	·794	·807	·804	·814	·826	·830	29·852	·868	29·876	29·876
14	29·952	29·954	29·966	29·958	29·963	29·976	29·992	30·002	29·998	30·004	30·008
15	30·073	30·067	30·066	30·063	30·061	30·067	30·071	·075	30·082	·083	·085
16	·119	·115	·103	·095	·093	·096	·099	·103	·109	·113	·116
17	·112	·112	·105	·094	·094	·098	·106	·122	·126	·130	·132
18	30·143	30·135	30·123	30·117	30·113	30·109	30·109	30·113	30·109	30·096	30·093
19	29·999	29·987	29·971	29·951	29·943	29·939	29·939	29·936	29·931	29·919	29·898
20	·796	·784	·784	·784	·778	·765	·774	·788	·768	·770	·760
21	·754	·750	·744	·748	·758	·764	·768	·780	·778	·772	·768
22	·778	·758	·760	·770	·758	·760	·758	·764	·756	·750	·744
23	·690	·678	·668	·664	·654	·641	·646	·641	·632	·613	·606
24	·580	·580	·584	·576	·576	·583	·686	·598	·596	·598	·600
25	·635	·628	·625	·627	·621	·628	·633	·636	·633	·631	·619
26	·688	·678	·640	·622	·606	·608	·616	·614	·623	·634	·644
27	·826	·828	·824	·822	·824	·830	·836	·838	·830	·822	·820
28	·734	·722	·722	·722	·728	·736	·740	·748	·754	·756	·762
29	29·845	29·845	29·841	29·844	29·847	29·855	29·871	29·879	29·883	29·893	29·898
30	30·006	30·010	30·020	30·022	30·029	30·040	30·052	30·066	30·074	30·072	30·077
31	30·103	30·096	30·091	30·086	30·078	30·079	30·079	30·076	30·069	30·063	30·061

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	54·3	54·4	54·9	57·4	58·3	59·1	59·5	60·6	63·8	64·6	64·0	64·6	64·6	65·0	61·5	59·7	60·5	60·2	60·3	59·9	59·9	58·4	57·0	57·5
2	56·7	56·7	56·7	57·0	57·0	57·5	57·5	58·5	59·5	60·0	61·3	61·0	64·0	64·0	63·3	64·3	63·6	62·4	61·0	59·0	57·4	56·0	55·3	55·0
3	54·1	54·8	56·0	56·2	56·7	57·4	58·8	61·3	63·7	63·0	63·2	62·0	62·3	62·2	62·1	61·7	61·9	61·1	60·5	59·0	57·4	56·7	56·3	55·9
4	55·5	55·3	55·7	55·7	55·6	55·7	61·9	63·0	65·7	66·2	66·8	67·0	67·4	66·5	66·1	65·5	64·7	64·0	62·8	61·6	59·0	58·8	58·4	59·0
5	59·3	59·2	59·2	59·3	58·0	59·0	61·6	63·2	64·7	63·9	64·7	65·6	67·2	67·0	66·9	65·2	64·7	63·7	62·6	61·4	60·7	60·2	60·3	60·5
6	60·9	60·7	60·7	60·7	60·7	60·9	61·5	62·4	63·0	64·1	65·0	66·6	66·5	64·7	64·1	64·0	63·8	63·2	62·0	59·8	59·6	58·7	57·5	57·6
7	58·0	57·0	57·7	57·5	57·5	58·9	62·2	62·5	63·7	63·4	65·0	65·3	67·9	66·2	66·4	66·2	65·0	63·5	61·9	61·3	61·0	60·0	59·5	59·2
8	59·0	58·7	58·7	58·7	58·5	58·6	62·0	64·0	64·2	65·1	67·0	66·2	66·7	66·4	66·6	65·7	63·7	62·7	60·7	59·8	59·7	57·7	57·5	57·5
9	57·4	57·4	58·0	57·0	57·0	59·9	60·9	61·9	63·1	63·5	62·7	63·8	62·1	62·1	64·0	62·9	62·0	61·2	60·4	60·0	59·8	59·4	59·0	58·9
10	58·9	57·2	57·7	58·0	57·3	58·0	60·0	60·0	60·5	60·6	60·8	61·6	63·9	62·3	62·9	63·5	61·0	60·7	60·5	59·0	58·3	57·6	56·0	56·0
11	55·9	56·2	56·2	56·7	56·4	57·3	58·2	60·1	60·5	63·2	64·2	63·6	63·9	62·4	62·0	61·0	60·8	60·8	60·5	59·7	59·1	57·7	56·3	56·0
12	56·0	56·2	56·6	57·2	58·2	58·6	60·0	59·6	60·5	61·9	62·2	63·2	65·6	64·0	64·2	63·6	63·6	62·0	61·5	61·1	61·0	60·9	60·6	60·5
13	60·0	60·1	60·3	60·2	59·0	57·9	57·9	58·8	60·9	62·1	63·0	63·4	63·0	64·1	63·3	64·1	64·0	64·3	65·0	63·1	61·7	60·5	58·9	58·0
14	57·5	57·5	57·6	57·3	57·7	58·2	61·4	61·6	62·6	62·2	62·1	62·5	63·0	62·7	61·9	61·0	60·7	60·2	60·0	59·0	58·7	57·5	56·4	56·2
15	55·7	55·5	56·0	56·0	55·9	57·4	60·2	62·2	62·5	62·1	64·8	63·7	64·2	63·8	63·9	62·5	62·4	61·2	61·0	59·7	59·0	57·5	57·1	56·4
16	56·8	57·2	57·2	56·9	56·8	57·8	61·3	64·5	66·0	67·1	66·9	65·9	67·3	67·7	68·9	70·6	68·9	68·2	66·0	64·4	62·0	60·6	60·3	60·1
17	60·7	59·9	59·9	59·0	59·6	60·1	63·8	66·7	69·0	70·5	71·7	71·7	72·0	73·0	73·8	74·5	72·7	70·8	68·0	65·9	63·3	62·1	61·9	61·0
18	61·2	61·2	61·3	61·4	60·8	61·8	66·3	69·3	70·3	71·0	72·0	73·0	73·5	72·7	72·9	73·0	73·7	71·8	68·4	68·0	66·9	66·9	66·9	67·0
19	66·7	67·0	66·3	66·2	66·2	66·0	69·0	70·0	71·0	70·2	71·2	70·6	72·2	71·8	72·4	72·3	72·3	70·8	69·0	68·2	67·4	67·4	67·4	67·6
20	67·0	66·0	65·8	65·5	65·0	65·3	66·0	66·6	68·0	68·2	68·4	69·3	69·6	70·2	69·9	68·8	68·6	68·5	68·0	69·0	68·3	67·3	67·6	66·4
21	66·0	66·4	66·3	65·8	66·5	66·0	66·3	66·2	68·6	67·2	66·0	67·6	70·0	72·1	73·7	73·8	71·4	70·2	68·2	68·6	67·1	66·5	65·0	65·5
22	64·7	64·4	63·4	63·2	62·5	62·9	65·7	69·1	70·0	71·5	74·5	75·2	74·7	76·6	77·0	73·9	66·0	67·1	67·3	67·1	66·7	66·7	66·0	66·5
23	66·2	65·0	64·7	64·6	64·7	64·2	64·6	65·6	67·8	66·7	68·0	69·6	68·9	70·6	69·8	68·8	69·0	67·5	67·0	66·3	65·9	65·0	63·7	63·0
24	63·6	63·0	62·5	61·9	61·0	62·0	62·0	63·0	64·9	66·3	66·0	65·2	66·9	66·4	66·7	66·9	66·4	64·6	63·3	61·2	61·5	61·4	60·0	58·5
25	57·0	58·0	58·0	58·7	57·0	58·7	60·0	62·6	64·3	65·0	65·1	65·4	66·5	66·2	65·0	65·5	65·0	64·4	63·6	61·7	61·4	60·7	60·5	60·1
26	60·9	61·9	61·8	61·7	61·6	61·2	61·9	63·9	64·1	64·0	66·0	66·8	67·6	65·1	64·0	64·0	64·0	64·7	63·0	62·0	61·3	61·3	61·9	62·1
27	60·5	59·4	59·6	59·1	59·6	61·0	62·8	62·0	64·2	63·4	65·7	66·6	66·0	66·2	64·8	63·2	62·3	61·4	61·0	59·9	59·5	58·9	57·5	57·3
28	...	*	...	...	57·8	58·3	58·7	58·9	57·6	58·0	58·7	59·6	59·0	59·4	60·3	60·3	60·0	59·7	59·4	59·2	58·8	58·0	58·0	57·9
29	58·7	58·3	58·6	58·3	57·6	57·6	61·2	63·2	64·0	65·2	65·7	66·0	66·0	66·3	65·9	65·4	65·4	65·2	64·7	63·7	61·1	60·2	60·2	59·0
30	58·0	57·3	...	...	*	...	...	62·2	63·0	64·0	66·0	65·6	65·7	65·8	65·7	65·6	65·6	65·0	65·1	64·8	63·6	60·8	60·4	58·9
31	58·0	57·9	58·3	58·0	60·0	60·0	60·9	61·5	62·2	63·1	63·0	63·4	65·0	65·0	64·3	64·0	63·9	63·1	62·7	61·9	61·9	62·0	61·7	61·0

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	52·6	52·7	53·5	55·4	56·4	57·2	57·6	58·3	59·8	60·5	60·7	60·7	60·4	60·0	56·8	56·6	56·0	56·6	56·4	57·7	57·5	55·2	55·0	55·7
2	55·4	54·0	54·6	54·9	55·4	55·5	56·2	56·7	56·7	56·3	56·0	57·7	59·3	58·4	59·0	59·3	58·7	57·3	56·4	55·0	55·7	55·4	54·6	54·7
3	52·2	52·5	53·7	53·7	54·2	54·7	55·4	57·3	58·0	57·9	58·0	57·4	59·1	55·6	·	54·2	56·0	55·8	55·9	56·7	55·4	54·6	54·7	54·3
4	54·0	53·7	54·0	53·6	53·4	54·3	57·4	57·7	59·9	57·9	·	58·3	59·2	59·2	60·5	58·9	58·9	58·3	57·9	57·6	56·8	56·7	56·2	57·2
5	57·9	58·0	58·0	58·0	56·8	57·4	58·5	59·2	60·4	59·9	59·8	60·1	61·1	60·9	60·3	59·8	59·9	59·4	58·9	58·4	58·4	58·1	58·3	58·4
6	58·9	59·0	59·1	59·2	59·7	60·0	60·7	61·4	61·9	62·8	63·4	64·1	63·9	62·8	62·2	62·2	61·9	61·2	60·6	59·1	58·2	57·2	56·4	56·3
7	56·7	55·9	56·6	56·4	56·7	57·4	59·1	59·0	60·0	59·3	60·3	60·3	62·6	60·7	60·7	60·8	60·5	60·0	59·4	59·0	59·1	58·7	58·5	58·7
8	58·6	58·3	58·1	58·1	57·9	58·3	59·6	59·8	60·4	62·0	61·1	60·1	62·0	61·4	60·2	59·5	...	...	*	...	...	55·8	56·0	55·6
9	56·0	55·9	56·5	55·6	56·2	56·8	58·8	59·4	59·6	59·4	59·9	60·8	60·7	61·2	62·2	59·9	59·3	58·5	57·0	57·6	57·9	57·8	57·2	57·5
10	56·7	55·6	55·0	55·7	55·0	55·0	55·6	·	·	55·8	56·2	56·2	57·0	57·0	57·0	57·3	56·2	56·1	56·4	55·9	55·8	55·0	54·2	54·3
11	54·2	54·6	54·7	54·6	54·6	55·2	55·2	56·1	56·3	57·3	58·0	57·2	57·1	57·4	57·4	57·2	57·1	57·1	56·8	56·9	56·5	56·0	55·7	55·6
12	54·7	55·0	55·6	56·0	56·3	56·5	57·6	57·2	58·1	59·4	59·7	60·9	61·3	61·0	61·2	61·0	61·1	60·5	60·3	60·2	60·3	60·3	59·7	59·6
13	59·7	59·9	60·0	60·0	59·0	57·3	57·3	57·9	58·6	59·6	60·2	60·0	59·1	60·2	59·3	59·4	58·6	58·4	59·8	58·5	57·4	56·5	55·5	55·6
14	55·4	55·0	55·5	55·3	54·6	55·4	57·4	57·0	57·2	56·0	56·5	56·3	56·4	55·8	56·2	55·4	55·4	55·3	55·4	55·0	54·3	54·0	53·6	53·9
15	54·0	54·0	54·4	54·3	54·1	55·2	56·5	57·6	57·3	57·3	58·7	57·7	58·2	57·8	57·7	56·9	57·1	56·2	56·6	56·4	56·7	55·9	55·8	55·1
16	55·8	56·2	56·3	56·0	56·0	56·9	58·6	59·0	61·6	60·9	59·9	59·6	61·0	60·6	62·6	63·0	62·7	62·8	62·0	60·8	59·7	58·6	58·7	58·4
17	58·7	58·0	58·0	57·7	57·9	57·9	59·6	61·6	63·2	64·0	64·5	64·1	65·0	66·1	66·6	67·4	66·2	65·5	64·1	63·0	61·9	60·5	59·2	58·1
18	58·7	58·8	59·0	59·0	59·0	60·7	62·3	63·2	63·8	63·6	64·9	66·2	66·1	65·5	65·7	66·0	66·9	66·2	65·5	65·2	64·7	64·2	64·2	64·2
19	64·2	64·3	64·0	64·0	64·0	63·9	65·2	65·1	65·7	65·3	66·0	65·3	65·8	65·6	65·7	65·4	66·0	65·0	64·5	64·0	63·7	63·6	63·4	64·0
20	60·2	60·6	61·6	62·1	62·2	62·6	63·0	63·6	64·3	64·5	64·5	64·8	65·3	64·9	64·6	64·1	64·3	63·3	62·9	63·3	63·0	61·8	62·3	61·9
21	61·8	62·3	62·3	61·7	61·6	61·7	63·1	63·2	65·0	64·3	64·0	64·4	66·3	67·1	67·3	66·5	66·4	65·4	64·9	65·0	64·4	64·3	63·4	63·4
22	63·1	62·7	62·2	61·9	61·5	61·9	63·4	64·4	65·3	65·8	67·3	68·0	67·5	67·8	68·0	66·5	66·5	64·9	64·3	65·0	64·8	64·3	64·6	64·2
23	63·2	63·4	63·3	63·3	63·0	63·0	62·7	63·4	64·7	64·3	65·0	65·4	65·0	65·0	65·8	65·3	65·8	65·6	65·4	65·2	64·3	64·0	63·0	62·3
24	62·4	62·0	61·7	61·3	59·4	60·4	60·0	60·0	60·0	60·4	60·1	59·7	60·0	60·0	59·6	59·0	58·7	58·6	58·6	58·2	58·6	58·4	58·6	57·4
25	58·4	58·3	57·6	56·6	55·3	56·4	57·0	57·7	58·0	58·1	57·6	57·4	57·9	57·0	56·4	58·4	58·1	57·6	58·3	58·3	58·5	58·7	58·9	59·2
26	60·3	60·4	60·0	60·0	60·1	59·7	59·9	61·0	61·0	59·6	60·5	60·7	61·8	61·0	62·0	62·5	63·1	63·4	61·6	60·4	59·7	60·2	61·0	61·1
27	59·3	58·3	58·0	58·0	58·7	60·0	60·6	60·7	61·2	59·4	59·6	59·4	58·4	58·9	57·5	56·3	55·0	55·2	55·3	54·8	54·6	54·5	54·2	54·3
28	54·7	55·0	55·3	54·5	54·6	54·6	54·5	54·1	54·3	53·1	54·3	56·0	55·9	54·9	55·0	56·3	56·0	55·3	55·0	53·7	54·5	53·6	53·6	53·4
29	55·3	54·3	54·0	55·0	54·9	54·2	55·6	56·4	57·0	57·3	57·7	57·7	59·2	58·0	59·8	58·1	58·1	58·4	58·9	58·5	57·9	56·8	56·4	56·8
30	56·0	55·2	54·6	55·1	54·8	54·4	56·0	57·8	58·9	60·0	61·1	60·2	60·8	59·6	60·7	60·3	59·8	59·0	58·2	56·4	54·7	54·7	54·8	54·8
31	54·8	54·6	54·9	55·2	57·4	57·4	57·6	57·8	57·9	57·9	57·7	58·0	58·1	57·6	57·4	57·9	57·0	57·1	57·6	57·3	57·4	57·8	57·6	57·9

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT 50° 9' N. LONG: 5° 4' W.

WIND — DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N) — HOURLY VALUES July 1878.

AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	20	4	10	4·5	10	4	12	9·5	12	12	13	11	12	11	12	13	13	13	13	11	12	14	13	14	13	17	12	14	14	15	14	11	14	5·5	7	8·5	6	7·5	6	8·5	6	7·5	8	10·5	8	10·5	9	10·5			1
2	10	6·5	10	10·5	10	4·5	10	15	10	4	10	2	1	4·5	1	5·5	1	4·5	1	3	1	3	1	4·5	1	4·5	29	9·5	31	12	28	15	30	15	30	17	30	14	30	10·5	30	5·5	28	13	28	14	28	13			2
3	28	9·5	28	9·5	28	5·5	28	5·5	28	4	28	3	28	5·5	26	14	26	20	27	19	27	22	31	21	31	22	30	23	29	24	30	23	30	20	29	22	28	17	28	14	28	4	28	12	27	10·5	26	7·5			3
4	26	8·5	23	12	25	10·5	26	11	26	8·5	18	4·5	27	5·5	22	7·5	21	9·5	20	13	21	15	20	16	19	16	20	19	22	17	21	16	22	16	20	12	21	10·5	20	8·5	20	6·5	20	4	20	6·5	20	6·5			4
5	20	6·5	20	5·5	20	6·5	20	4·5	20	11	20	13	21	22	20	17	20	18	20	16	20	18	20	17	20	21	20	19	20	19	20	20	20	17	21	17	21	13	21	12	20	13	20	16	20	14	20	9·5			5
6	20	10·5	20	14	20	11	20	12	20	11	21	17	22	17	22	13	22	13	22	14	21	17	22	13	22	12	25	4·5	25	4	25	5·5	25	6·5	25	4·5	27	10·5	27	10·5	27	11	27	10·5	27	9·5	27	8·5			6
7	28	8·5	28	10·5	27	12	27	10·5	27	12	27	14	26	15	26	15	26	14	26	17	26	19	26	19	25	17	26	18	26	18	25	16	24	12	22	12	22	12	22	7·5	22	6·5	21	5·5	21	5·5	15	6·5			7
8	15	5·5	12	7·5	12	4·5	12	6·5	4	8·5	4	7·5	3	9·5	3	10·5	3	9·5	2	6·5	13	6·5	13	5·5	30	15	30	18	30	20	30	21	30	19	31	16	29	15	29	10·5	29	7·5	29	8·5	28	10·5	27	9·5			8
9	27	8·5	27	8·5	27	9·5	27	7·5	24	9·5	23	9·5	23	8·5	23	8·5	23	10·5	22	13	21	18	21	21	21	22	21	20	25	19	25	19	25	17	25	12	26	11	25	9·5	26	9·5	26	9·5	26	13	26	13			9
10	27	10·5	27	11	27	11	27	11	28	12	27	13	28	15	27	16	27	17	27	13	27	22	27	20	27	19	27	18	26	21	27	17	27	19	26	17	27	13	27	11	27	12	27	11	27	11	23	13			10
11	25	14	25	14	25	11	25	12	25	11	25	12	25	13	26	17	26	17	26	17	26	22	26	20	26	22	26	19	27	18	26	14	26	15	26	14	25	11	25	12	24	11	24	12	23	15	23	12			11
12	22	10·5	23	8·5	21	6·5	22	5·5	27	7·5	26	11	26	12	26	9·5	26	8·5	26	8·5	22	10·5	22	7·5	21	12	21	13	22	11	21	10·5	21	10·5	20	13	20	10·5	20	6·5	20	5·5	20	4·5	20	4	20	4·5			12
13	20	3	21	1·5	21	1·5	21	4	7	12	7	13	6	11	6	11	6	18	8	13	7	16	8	16	10	13	11	11	11	10·5	7	6·5	10	4	10	2	10	2	1	7·5	31	10·5	31	9·5	31	7·5	30	9·5			13
14	30	6·5	30	7·5	28	17	29	16	29	17	31	16	31	17	31	21	31	20	31	22	30	24	30	23	30	22	30	22	30	24	32	24	31	21	31	20	32	20	31	17	32	16	31	16	31	18	31	16			14
15	31	15	30	17	30	13	29	13	29	16	29	17	30	18	31	18	31	20	30	17	30	18	30	13	30	14	30	14	30	14	32	15	31	15	31	15	32	13	31	12	31	13	30	14	30	10·5	29	10·5			15
16	29	9·5	29	11	29	12	29	13	29	13	29	10·5	1	10·5	1	7·5	3	7·5	11	7·5	11	10·5	11	5·5	13	5·5	13	6·5	13	4·5	31	16	30	19	30	19	30	16	30	16	30	14	29	12	29	7·5	29	10·5			16
17	29	10·5	29	11	29	12	29	12	29	12	29	8·5	29	8·5	29	9·5	30	9·5	32	6·5	3	10·5	7	5·5	13	6·5	17	7·5	29	13	30	16	29	15	30	17	29	13	29	14	29	14	29	12	29	10·5	29	9·5			17
18	29	11	29	13	29	12	29	13	28	9·5	28	8·5	28	5·5	32	5·5	6	8·5	9	8·5	4	7·5	9	7·5	14	5·5	13	5·5	13	5·5	13	6·5	13	4·5	13	3	13	5·5	32	10·5	30	8·5	30	11	30	9·5	30	8·5			18
19	30	8·5	1	5·5	1	5·5	2	5·5	2	4	2	4	2	4·5	6	8·5	7	12	8	15	7	17	8	17	7	17	7	16	8	15	8	13	8	10·5	8	8·5	8	7·5	8	6·5	5	5·5	5	5·5	4	9·5	4	16			19
20	6	17	6	19	7	19	7	24	7	24	7	27	7	27	6	26	7	24	8	19	7	20	7	16	7	18	6	23	7	24	7	19	8	14	7	19	7	24	6	18	6	15	6	25	6	25	6	20			20
21	32	11	6	20	3	9·5	5	6·5	5	4·5	13	7·5	12	6·5	12	6·5	13	10·5	14	9·5	12	8·5	31	8·5	32	6·5	32	11	5	18	5	12	10	7·5	10	5·5	15	4	15	3	15	4	15	3	15	4	15	2			21
22	15	2	15	2	16	3	15	3	15	4	15	3	15	3	12	5·5	14	4	4	4	2	4·5	17	6·5	30	12	28	11	28	16	30	20	4	11	2	7·5	2	4·5	31	6·5	29	3	29	4	29	5·5	29	4·5			22
23	29	5·5	5	10·5	6	7·5	6	9·5	7	7·5	7	8·5	7	7·5	7	5·5	11	6·5	11	7·5	11	6·5	11	7·5	11	10·5	13	10·5	13	11	14	10·5	19	7·5	19	7·5	19	6·5	20	8·5	21	5·5	21	9·5	21	6·5	21	7·5			23
24	21	4	21	8·5	21	8·5	20	10·5	26	17	27	18	26	18	27	20	27	23	26	21	27	24	26	24	27	23	27	22	27	21	26	22	26	24	26	20	26	19	25	18	25	19	25	18	25	18	25	13			24
25	25	17	25	14	26	11	26	11	26	7·5	26	9·5	26	11	27	13	26	15	26	14	26	16	26	14	26	17	26	16	25	13	25	17	26	15	25	14	24	10·5	23	5·5	23	5·5	23	4·5	23	4·5	19	4·5			25
26	19	5·5	26	18	26	25	25	20	26	17	26	19	26	19	26	20	27	18	27	17	25	19	25	19	25	17	25	17	22	14	21	15	21	16	25	25	25	25	25	22	25	20	25	20	25	20	26	17			26
27	31	14	31	15	30	11	28	11	27	12	27	11	26	13	29	11	30	15	30	14	31	15	31	14	29	17	30	17	30	17	30	18	30	17	30	12	30	10·5	30	9·5	30	9·5	30	9·5	30	6·5	30	5·5			27
28	30	4	30	4	30	3	30	4·5	3	5·5	5	8·5	8	12	8	14	11	17	11	18	12	18	11	17	11	16	15	9	17	10	16	9	15	10	15	10	13	8	13	8	12	8	12	8	10·5	8	6·5			28
29	8	6·5	7	9·5	7	9·5	6	6·5	6	4	6	6·5	1	8·5	4	8·5	5	8·5	8	9·5	10	9·5	12	9·5	13	5·5	13	8·5	13	7·5	13	6·5	13	4·5	13	3	13	3	32	8·5	30	9·5	29	11	29	12	29	13			29
30	29	13	29	12	29	11	29	13	29	13	29	13	29	11	31	8·5	3	10·5	8	12	8	13	11	15	11	14	13	12	8·5	11	6·5	11	4·5	11	2	11	2	11	4	11	5·5	11	6·5	11	5·5	32	8·5			30
31	30	9·5	31	7·5	4	8·5	4	7·5	6	13	8	17	9	18	9	16	9	16	9	17	8	22	8	20	9	20	10	22	10	23	10	23	10	22	10	20	8	16	8	13	7	14	7	18	7	16	8	15			31

RAINFALL — GAUGE (HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET)

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1									005	010		005	010			030	050	005	375	390	412	429	441	448	454	458	469	483	475	465	447	400	416	389	409	402	445	439	393	405	419	1
2	010	010	005	005		005																		010	398	398	402	417	414	431	435	421	403	435	430	440	414	439	436	427	401	394	380	392	399	382	375	2
3																									386	383	380	387	392	398	415	406	411	412	410	367	360	*	331	373	377	387	399	412	397	407	400		3
4																									397	395	384	379	384	411	406	435	376	*	380	398	405	438	409	419	411	414	420	430	430	439	442		4
5																									464	464	463	445	448	447	447	463	459	445	442	454	450	434	438	448	447	445	446	457	453	458	458		5
6																									478	478	482	498	505	519	528	537	552	558	559	554	542	531	532	525	510	507	491	465	447	440	435		6
7						005				005														160	431	443	440	443	449	456	450	465	447	463	452	490	438	451	456	463	468	469	466	473	475	476	487		7
8	165	030		005	010																				482	478	478	465	469	475	455	458	483	492	449	483	469	436	415	...	...	*	...	418	419	428	422		8
9																									426	436	422	428	466	465	469	461	449	475	489	509	526	532	472	465	452	444	438	453	455	452	444		9
10																									403	397	413	401	393	385	*	383	383	390	381	377	395	388	390	388	390	400	404	411	398	397	399		10
11																									406	408	398	402	407	396	397	397	393	401	385	380	405	410	416	416	416	420	421	432	417	412	408		11
12																								040	416	419	431	427	428	441	430	449	470	475	492	488	492	496	498	501	504	505	509	513	515	508	505		12
13	095	165	170	150	050	040	050	010	005																508	514	512	515	500	461	461	467	459	474	480	469	446	466	448	442	420	410	441	428	420	403	407	402		13
14																									411	399	412	410	386	401	417	403	396	370	385	375	371	359	378	368	375	375	379	380	366	372	386	396		14
15																									395	397	402	399	395	406	407	413	401	406	413	398	406	399	396	390	397	386	399	410	427	425	427	416		15
16																									437	440	436	437	449	454	451	483	449	422	424	449	433	476	469	479	492	496	480	478	464	471	464		16
17																									454	450	454	458	456	449	452	475	492	501	502	489	514	537	544	562	545	546	538	530	532	503	464	442		17
18																									461	466	464	473	481	502	489	498	482	511	529	525	518	519	538	566	541	562	567	569	559	557	557		18
19																									561	560	559	561	561	561	558	545	550	549	557	542	538	536	532	523	543	529	534	542	533	529	522	429		19
20																									457	486	506	517	526	529	541	545	548	545	541	556	535	529	524	534	503	498	495	496	473	485	488		20
21											020	010												010	490	501	502	480	477	486	528	533	558	557	564	554	558	584	566	541	569	552	562	558	562	557	560	551		21
22			005		005										150	010									553	544	541	534	527	539	548	531	552	547	558	573	563	548	506	539	597	559	581	566	565	572	571	549		22
23															005	005	005								558	567	563	557	557	542	549	562	565	569	560	553	569	562	584	573	592	592	570	566	544	540	542		23
24	025	060	025																					040	160	540	538	533	483	506	487	474	449	465	449	424	442	430	416	398	413	412	428	443	451	446	472	456		24
25	020	005									005													005	430	421	414	414	423	423	411	390	394	386	372	371	388	391	392	394	388	416	440	450	465	475	490		25
26	010	030	005		005	015	005						015	035	015									005	010	502	491	492	495	490	486	493	491	446	449	446	469	477	511	543	564	563	526	500	488	506	522	522		26
27	010					005																			488	471	467	466	481	503	496	510	496	450	427	422	390	401	381	367	345	359	366	365	365	364	382	*		27
28							005	035	005	005	010	020	030											005		005	*	...	...	382	379	374	368	374	375	387	406	407	407	373	366	399	395	380	376	345	371	345	338	387		28
29																									392	371	382	389	395	384	397	369	376	372	376	385	412	388	407	410	390	392	406	432	463	467	447	430		29
30																									421	407	...	...	*	...	...	419	440	461	467	445	462	431	459	448	441	432	421	420	396	358	373	388		30
31																									397	384	386	399	436	435	426	427	421	410	406	410	402	399	419	381	401	389	407	406	411	421	419	436		31

385	335	300	210	160	075	065	060	045	010	010	030	030	035	-	005	025	190	035	015	-	005	045	100	385	
	7	6	5	3	3	4	3	2	2	2	2	2	2	-	1	2	3	4	2	1	3	3	7		

1 Record defective or Instrument out of action. 2 Obtained from reading of Standard.

14276 — 0·461 — 14204 — 0·458

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51′ N LONG 2°28′ W

HOURLY VALUES July 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·586	29·590	29·584	29·580	29·582	29·584	29·588	29·586	29·590	29·590	29·577	29·580	29·571	29·557	29·545	29·545	29·545	29·551	29·551	29·556	29·559	29·561	29·559	29·555	1
2	·547	·543	·533	·529	·527	·531	·531	·529	·529	·541	·533	·537	·530	·527	·523	·516	·509	·511	·517	·526	·531	·536	·531		2
3	·529	·519	·503	·497	·493	·507	·519	·533	·539	·554	·561	·570	·580	·503	·603	·609	·613	·633	·646	·663	·673	·681	·693	·695	3
4	·693	·693	·697	·695	·705	·713	·709	·711	·711	·713	·711	·709	·701	·703	·689	·685	·679	·677	·671	·673	·667	·655	·643	·634	4
5	·625	·609	·605	·597	·599	·603	·613	·615	·611	·615	·616	·613	·600	·602	*	†	·592	·586	·579	·564	·564	·562	·550	·530	·526	5
6	·508	·494	·496	·492	·493	·510	·516	·538	·544	·544	·547	·549	·555	·559	·560	·555	·555	·561	·565	·567	·569	·567	·567	·565	6
7	·551	·551	·555	·555	·561	·565	·565	·577	·577	·575	·576	·582	·582	·583	·584	·584	·584	·586	·584	·588	·606	·604	·614	·614	7
8	·618	·620	·630	·640	·652	·672	·692	·702	·704	·708	·712	·720	·724	·730	·736	·735	·733	·738	·740	·744	·747	·747	·752	·746	8
9	·740	·734	·722	·706	·694	·672	·656	·642	·612	·598	·585	·572	·548	·529	·508	·493	·478	·483	·483	·477	·479	·483	·477	·479	9
10	·478	·459	·461	·455	·451	·457	·465	·471	·471	·481	·482	·488	·498	·508	·504	·507	·502	·497	·504	·506	·500	·506	·500	·490	10
11	·476	·464	·448	·440	·426	·420	·420	·428	·428	·432	·435	·439	·441	·441	·443	·441	·433	·435	·439	·443	·445	·449	·451	·455	11
12	·453	·448	·443	·441	·453	·461	·463	·475	·483	·489	·489	·497	·497	·493	·487	·495	·491	·499	·499	·513	·528	·539	·545	·549	12
13	·552	·556	·549	·561	·565	·577	·585	·593	·595	·595	·593	·595	·593	·595	·605	·602	·599	·595	·599	·611	·641	·653	·659	·667	13
14	·673	·671	·667	·675	·677	·683	·697	·705	·701	·707	·715	·716	·711	·719	·719	·721	·721	·715	·745	·761	·773	·769	·779	·783	14
15	·783	·787	·787	·795	·797	·809	·817	·817	·815	·813	·814	·817	·812	·814	·813	·810	·808	·814	·826	·836	·846	·842	·848	·852	15
16	·856	·856	·852	·852	·860	·864	·876	·888	·888	·890	·890	·902	·900	·898	·904	·904	·896	·900	·901	·902	·908	·912	·918	·912	16
17	·908	·902	·896	·900	·896	·894	·904	·904	·902	·906	·919	·916	·917	·917	·915	·911	·907	·915	·929	·933	·945	·953	·959	·957	17
18	·957	·957	·949	·947	·945	·957	·967	·975	·977	·977	·974	·968	·964	·958	·956	·956	·948	·952	·954	·960	·968	·972	·968	·956	18
19	·956	·948	·942	·940	·938	·942	·948	·944	·932	·924	·906	·902	·890	·878	·860	·848	·832	·826	·818	·820	·820	·820	·820	·818	19
20	·806	·792	·780	·778	·782	·781	·781	·768	·754	·752	·743	·726	·713	·707	·697	·687	·677	·685	·689	·695	·697	·701	·701	·697	20
21	·701	·699	·693	·689	·694	·697	·697	·695	·687	·684	·679	·675	·671	·667	·655	·647	·639	·644	·655	·673	·691	·697	·706	·713	21
22	·711	·711	·707	·707	·713	·715	·725	·733	·729	·721	·712	·707	·712	·712	·694	·686	·686	·682	·680	·688	·702	·708	·704	·706	22
23	·694	·672	·658	·658	·658	·662	·650	·650	·646	·636	·622	·614	·598	·586	·572	·548	·522	·520	·510	·508	·500	·496	·476	·468	23
24	·454	·442	·424	·404	·385	·382	·380	·376	·360	·355	·346	·339	·325	·314	·291	·287	·283	·268	·269	·275	·279	·279	·283	·275	24
25	·267	·271	·265	·263	·261	·267	·275	·275	·275	·275	·277	·277	·279	·279	·285	·277	·283	·287	·295	·301	·317	·319	·327	·329	25
26	·335	·329	·323	·303	·343	·351	·351	·355	·369	·363	·367	·373	·373	·382	·381	·383	·379	·383	·385	·399	·411	·419	·421	·437	26
27	·441	·449	·457	·455	·471	·489	·489	·499	·497	·501	·507	·521	·513	·535	·525	·525	·545	·563	·579	·685	·589	·593	·587	·585	27
28	·585	·583	·583	·580	·595	·599	·601	·603	·601	·601	·597	·580	·583	·681	·577	·579	·583	·593	·611	·631	·637	·647	·655	·659	28
29	·659	·663	·649	·651	·649	·653	·663	·669	·665	·669	·673	·679	·679	·681	·675	·675	·675	·685	·697	·717	·736	·745	·755	·763	29
30	·771	·779	·781	·781	·799	29·817	29·835	29·849	29·853	29·853	29·855	29·857	29·859	·865	·877	·881	·882	·899	·909	·921	·949	·965	29·966	29·973	30
31	29·977	29·987	29·983	29·987	29·993	30·006	30·015	30·017	30·017	30·019	30·014	30·014	30·007	29·998	29·988	29·986	29·974	29·978	29·986	29·990	29·997	29·998	30·000	30·002	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	534	510	491	490	503	543	555	560	570	580	594	595	621	639	645	618	605	580	666	545	532	511	493	492	1
2	480	462	460	460	475	502	539	544	553	560	569	568	569	588	599	580	581	572	565	553	542	528	529	527	2
3	509	510	519	511	514	510	530	558	599	582	595	622	619	615	620	620	628	612	697	582	560	530	505	489	3
4	500	489	498	480	489	500	681	589	600	622	622	624	614	620	619	603	602	604	595	591	581	577	574	587	4
5	589	586	583	587	583	582	601	609	634	652	652	669	682	668	*	†	646	640	632	624	620	612	612	608	5
6	601	597	592	594	590	578	600	602	605	611	636	635	634	650	650	642	642	622	610	598	592	585	579	579	6
7	580	580	573	567	569	570	589	698	600	610	620	625	630	636	636	619	616	602	599	590	577	565	556	550	7
8	529	542	532	539	534	541	591	609	650	640	670	680	688	651	670	655	651	638	628	600	573	540	541	529	8
9	521	519	541	535	543	566	577	605	630	619	594	582	594	602	600	601	605	601	590	585	580	577	568	553	9
10	547	550	547	546	553	550	549	555	567	563	569	568	559	562	561	567	580	585	552	550	552	551	538	540	10
11	542	549	548	540	541	545	560	568	559	580	569	590	584	580	590	570	560	553	550	549	543	538			11
12	540	540	537	531	527	544	579	589	562	549	570	560	572	584	581	583	582	581	580	570	560	553	550	549	12
13	494	480	474	467	458	465	533	560	622	642	666	679	670	687	678	660	650	651	629	605	560	550	535	540	13
14	538	548	547	550	542	552	565	574	610	630	619	643	669	660	664	632	644	631	606	589	579	576	565	561	14
15	550	539	561	560	562	577	582	590	603	610	623	611	624	623	628	641	640	618	602	594	590	591	585	585	15
16	580	579	582	581	581	582	599	592	615	650	658	670	668	670	672	666	665	656	640	615	611	603	597	603	16
17	600	588	601	594	592	599	610	623	663	682	684	681	682	681	680	674	676	671	644	619	611	610	614	614	17
18	613	611	611	610	631	630	627	640	649	675	689	687	684	677	699	714	724	712	706	678	663	624	618	609	18
19	605	600	600	596	597	600	607	624	666	712	750	768	774	748	792	781	758	720	716	692	670	660	646	634	19
20	643	638	625	624	629	670	696	726	753	735	779	789	800	810	811	785	791	729	693	690	679	666	652	645	20
21	634	638	635	625	626	644	680	712	742	767	790	802	810	816	822	828	824	779	740	708	676	647	630		21
22	612	603	601	600	604	627	650	675	702	738	754	775	783	790	790	780	766	740	712	680	643	624	615		22
23	610	604	593	599	588	599	609	614	651	634	648	689	700	706	690	700	694	687	668	631	622	609	604	597	23
24	589	587	588	589	579	583	598	585	590	590	608	610	610	611	616	609	614	620	614	609	580	571	568	563	24
25	551	559	561	563	569	570	580	599	610	619	631	645	676	642	639	637	621	612	599	595	591	587	576		25
26	574	564	551	565	558	565	604	612	601	630	639	622	641	636	646	632	639	615	604	594	590	583	580	564	26
27	566	551	554	542	550	560	589	610	629	622	629	602	660	599	617	610	581	565	561	555	555	551	542		27
28	539	523	519	497	499	500	506	541	581	605	640	651	660	666	658	631	632	629	616	600	567	559	538	540	28
29	534	539	540	542	532	540	559	575	610	607	575	590	606	621	634	651	644	650	621	580	567	550	523	528	29
30	503	491	477	482	485	513	578	664	633	640	654	655	658	658	652	660	640	623	588	562	542	531	578		30
31	507	504	502	472	479	505	532	549	577	590	619	637	659	673	677	683	686	676	651	630	603	583	569	559	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
472	483	470	468	475	499	509	509	512	511	527	523	539	552	559	558	546	526	514	500	490	469	459	459	1
451	440	444	443	454	474	450	499	498	500	504	510	507	521	514	498	500	495	509	502	495	495	498	489	2
480	488	489	491	500	498	510	515	529	519	521	520	533	528	519	512	527	515	541	532	520	493	486	468	3
481	480	491	472	480	499	545	539	552	560	567	570	570	566	569	556	551	558	561	563	561	560	563	575	4
579	579	578	579	576	576	589	589	601	610	610	621	621	613	*	†	616	617	609	608	603	596	597	595	5
590	592	589	583	579	560	571	567	569	573	594	586	586	590	590	587	590	579	578	579	579	570	569	569	6
570	568	560	554	555	559	567	560	565	552	559	562	569	562	572	572	568	562	563	556	551	542	532	520	7
519	530	521	520	526	530	563	552	558	573	590	600	601	584	587	580	583	571	570	553	542	526	530	520	8
514	511	535	527	531	544	550	560	577	569	580	572	587	585	585	580	570	568	560	560	560	560	552	542	9
527	532	534	531	519	529	535	536	549	542	549	543	545	547	549	546	552	552	536	539	536	528	519	529	10
527	532	528	529	530	531	540	545	539	551	548	550	542	548	545	553	544	538	532	525	525	523	520	518	11
522	517	513	512	512	522	534	549	553	529	542	521	538	548	538	539	540	541	550	549	528	509	492	491	12
487	476	468	451	450	460	523	550	579	566	578	568	589	590	584	590	590	600	564	561	546	532	527	529	13
526	539	536	536	521	527	531	538	562	576	575	588	599	599	599	582	598	593	578	560	559	553	547	545	14
539	529	540	549	552	559	556	551	560	564	577	570	575	587	592	579	574	572	570	568	664	563			15
563	563	570	57:	572	573	585	580	594	605	610	617	613	610	614	610	609	610	607	593	594	589	583	588	16
582	575	582	580	582	588	599	610	620	629	630	623	620	612	619	611	621	615	608	592	590	592	599	598	17
601	602	602	604	619	619	621	626	630	642	652	649	651	642	655	668	671	668	666	649	622	614	611	604	18
601	598	596	591	590	594	600	618	646	670	664	687	689	700	717	704	670	659	656	658	648	642	631	624	19
629	623	614	611	617	639	650	665	673	671	689	682	696	710	713	694	687	673	652	649	646	635	633	631	20
620	620	614	600	602	618	642	653	664	680	680	677	661	674	683	680	670	684	693	662	641	629	612	600	21
570	568	587	588	589	600	614	629	648	668	673	670	689	682	685	668	678	673	660	657	640	620	604	598	22
596	586	574	581	570	564	570	573	599	582	590	615	634	631	625	637	621	618	600	686	582	574	575	670	23
566	564	568	564	562	566	572	570	570	573	590	599	599	592	598	592	598	597	584	580	569	562	559	540	24
533	534	545	543	550	551	561	575	589	590	601	600	616	604	609	604	592	588	580	584	580	578	570	561	25
555	542	536	540	539	540	561	560	550	570	571	562	571	563	562	562	564	559	561	560	548	548	550	547	26
550	539	540	531	536	543	563	573	581	579	580	569	570	576	578	552	548	548	551	546	544	539	532		27
529	514	509	490	493	496	502	528	552	551	570	564	579	571	562	561	566	570	570	550	528	516	501	502	28
500	500	505	505	570	513	520	540	560	558	533	542	550	553	571	574	580	554	542	520	510	500	490	493	29
483	478	467	470	472	494	550	550	560	563	556	555	570	563	577	570	573	566	557	538	521	510	507	495	30
485	483	480	460	464	482	506	520	532	540	565	570	591	602	604	606	606	600	589	569	559	549	539	532	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51' N. LONG: 2°28' W.

HOURLY VALUES July 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N}

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	7	10·5	7	4·5	5	4·5	3	5·5	3	4·5	3	4·5	4	5·5	5	7·5	5	8·5	6	7·5	5	8·5	5	9·5	7	9·5	5	10·5	4	9·5	4	11	3	12	4	11	3	9·5	3	8·5	3	7·5	2	9·5	2	8·5	3	6·5	1
2	2	9·5	2	9·5	2	6·5	2	6·5	2	5·5	2	5·5	4	7·5	4	8·5	3	10·5	3	7·5	3	6·5	5	5·5	3	4	4	4	2	3	31	4·5	31	7·5	1	5·5	3	4	3	2	3	3	3	2	3	3	3	2	2
3	3	3	3	2	31	4·5	31	4	31	4	32	4	30	4·5	31	4·5	2	5·5	30	4·5	28	9·5	28	10·5	1	10·5	30	11	30	9·5	30	11	29	9·5	28	5·5	25	5·5	26	5·5	26	4	26	2	26	1·5	26	3	3
4	26	2	26	2	26	3	26	2	26	2	26	4	25	10·5	24	9·5	25	13	24	16	21	15	22	14	21	12	23	13	22	17	22	14	23	12	22	12	21	12	22	10·5	21	5·5	20	4·5	20	7·5	21	13	4
5	22	18	21	18	22	17	21	18	21	16	21	15	22	17	22	18	22	23	22	20	22	23	22	22	22	29	22	28	22	17	22	18	21	19	20	12	20	12	21	13	21	13	20	11	21	14	21	18	5
6	21	21	21	21	21	20	22	21	21	22	24	19	24	19	23	21	22	22	23	23	23	23	22	24	23	22	22	22	23	22	23	22	24	19	24	13	23	11	23	9·5	23	8·5	23	5·5	21	5·5	21	8·5	6
7	22	9·5	23	6·5	25	4	26	4	23	4·5	23	4·5	24	10·5	24	14	26	13	24	14	24	16	24	18	24	17	24	17	24	14	23	14	24	14	25	13	24	9·5	25	10·5	25	7·5	25	10·5	26	11	26	4	7
8	26	4·5	26	4·5	25	2	25	2	25	3	25	2	25	2	32	4	10	4	21	4·5	12	4·5	11	3	25	13	25	17	23	16	25	12	24	16	24	13	25	10·5	25	8·5	25	4·5	24	4·5	22	5·5	22	4	8
9	22	2	22	3	22	4	22	4·5	22	3	22	2	21	6·5	20	9·5	21	12	22	16	21	12	20	13	21	17	22	20	23	22	24	19	24	16	23	14	24	14	24	12	24	12	23	8·5	24	13	26	11	9
10	27	13	25	11	24	10·5	23	14	25	16	25	16	22	14	23	17	23	15	23	20	24	18	24	18	23	18	23	18	22	14	24	14	24	16	23	14	25	15	23	10·5	24	13	24	11	23	10·5	22	13	10
11	24	14	23	16	23	16	22	11	23	18	24	16	25	16	25	18	25	19	24	20	25	21	24	20	25	21	26	23	25	20	24	23	25	20	24	18	25	16	26	15	25	14	24	14	25	15	24	11	11
12	23	9·5	25	11	26	10·5	26	9·5	15	4·5	14	4	26	7·5	24	6·5	23	11	24	10·5	25	7·5	28	8·5	25	9·5	24	9·5	24	11	25	12	24	8·5	25	4	25	3	25	2	25	1·5	25	1·5	25	1·5	25	2	12
13	27	3	27	2	27	3	27	2	27	3	·*	3	32	3	19	4·5	28	8·5	29	7·5	30	10·5	26	11	25	14	26	17	25	18	24	16	25	17	26	18	27	14	16	6·5	21	4·5	22	4	22	3	13
14	23	3	25	2	25	2	26	3	30	4	30	2	30	1·5	30	2	25	4	25	4·5	25	9·5	25	9·5	24	11	25	16	25	14	25	17	25	19	26	16	25	19	26	11	24	8·5	26	13	22	8·5	27	7·5	14
15	17	4	22	4·5	25	4·5	25	4·5	25	5·5	25	8·5	25	10·5	24	11	24	16	24	14	25	15	25	17	25	18	26	20	25	19	25	23	26	20	26	20	27	10·5	16	11	19	9·5	25	12	26	9·5	25	7·5	15
16	24	7·5	24	5·5	23	5·5	24	4	26	5·5	25	8·5	25	8·5	26	14	26	9·5	24	13	25	16	25	16	24	16	24	14	25	11	23	14	24	17	23	11	22	6·5	22	6·5	21	7·5	22	4·5	22	5·5	22	8·5	16
17	26	7·5	22	8·5	25	7·5	23	6·5	22	5·5	22	4	22	6·5	22	7·5	22	11	23	15	23	14	22	14	23	15	23	17	23	15	24	14	23	11	21	9·5	23	12	19	4·5	19	4·5	17	5·5	21	6·5	23	4·5	17
18	20	6·5	21	6·5	20	5·5	20	4·5	23	7·5	24	7·5	21	5·5	24	11	23	9·5	21	11	26	12	23	15	25	18	26	18	24	14	22	9·5	24	9·5	24	9·5	19	8·5	20	8·5	20	6·5	21	5·5	·*	5·5	·*	3	18
19	·*	4	·*	2	·*	3	·*	2	·*	‡2	·*	‡2	·*	‡2	·*	‡2	·*	‡2	·*	4·5	21	3	18	7·5	26	5·5	26	6·5	22	7·5	21	11	22	11	22	6·5	27	2	27	4	27	5·5	27	1·5	27	2	30	3	19
20	31	2	31	2	31	5·5	31	4	31	3	31	1·5	31	2	7	4·5	15	8·5	14	9·5	17	7·5	21	7·5	21	7·5	20	7·5	23	8·5	23	10·5	23	9·5	‡21	7·5	20	4·5	20	3	20	3	20	4	20	1·5	20	2	20
21	20	3	20	1·5	20	4	20	3	20	2	21	4	32	3	32	2	5	4·5	4	4·5	6	8·5	9	10·5	11	12	9	9·5	8	8·5	8	7·5	8	6·5	8	7·5	7	4·5	5	5·5	3	5·5	3	6·5	3	6·5	3	8·5	21
22	2	8·5	2	7·5	2	8·5	2	7·5	1	7·5	2	9·5	3	10·5	2	8·5	3	10·5	3	9·5	6	12	7	8·5	5	11	7	12	7	13	5	13	6	13	6	11	7	16	6	10·5	7	8·5	3	6·5	6	8·5	5	8·5	22
23	4	9·5	5	9·5	4	9·5	6	7·5	3	8·5	5	10·5	3	8·5	7	12	5	10·5	9	12	7	11	9	10·5	5	12	8	15	6	13	7	12	8	11	8	10·5	9	9·5	8	6·5	8	6·5	7	7·5	6	8·5	7	6·5	23
24	9	7·5	9	8·5	9	6·5	8	5·5	6	5·5	5	4·5	8	6·5	5	4·5	4	5·5	2	5·5	4	4·5	6	4	6	5·5	4	8·5	2	9·5	4	4·5	4	4·5	7	4·5	6	6·5	8	6·5	2	7·5	2	6·5	2	7·5	3	8·5	24
25	3	4	3	4	3	4	3	5·5	1	5·5	1	4·5	2	2	2	4	2	2	2	2	2	4	3	2	3	4	27	8·5	26	11	25	13	24	12	24	12	22	11	25	14	24	8·5	25	10·5	23	11	23	8·5	25
26	22	8·5	21	9·5	17	7·5	23	11	24	6·5	22	6·5	23	9·5	24	13	23	15	24	14	25	18	25	17	23	16	24	18	23	15	25	14	24	13	25	12	24	9·5	23	6·5	24	11	25	5·5	25	2	26	3	26
27	26	2	26	2	26	2	26	3	28	2	29	2	29	2	29	2	31	3	25	5·5	26	10·5	8	4·5	22	14	2	8·5	2	5·5	3	4·5	3	8·5	1	5·5	1	4	1	2	1	3	1	3	1	3	1	3	27
28	1	3	1	4	1	4	1	4·5	1	5·5	3	4·5	3	4	2	4	‡4	4	2	3	6	4	10	4·5	1	6·5	9	4·5	9	4	31	9·5	31	5·5	4	7·5	6	5·5	5	5·5	3	6·5	3	6·5	3	5·5	2	6·5	28
29	1	6·5	1	5·5	1	4	1	3	1	3	1	2	1	2	1	3	20	7·5	29	7·5	2	8·5	6	9·5	5	6·5	6	4	13	3	18	2	19	4	30	5·5	1	7·5	1	6·5	1	8·5	‡2	6·5	2	4·5	2	5·5	29
30	2	2	2	2	2	3	4	2	4	3	5	1·5	5	3	3	4	6	6·5	4	7·5	2	7·5	1	9·5	2	6·5	5	9·5	4	7·5	4	7·5	4	6·5	4	6·5	4	5·5	4	5·5	4	5·5	2	5·5	2	4·5	2	5·5	30
31	2	4·5	2	4·5	2	4·5	2	4·5	2	5·5	2	4·5	2	3	2	4·5	7	6·5	4	5·5	7	6·5	6	5·5	4	6·5	3	7·5	3	7·5	7	8·5	8	6·5	6	4·5	5	4·5	7	5·5	9	3	9	4	5	4·5	5	3	31

RAINFALL.

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	·002	·009	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·005	·002	4
5	·014	·026	·005	·004	·003	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·018	5
6	.	.	.	.	.	·024	·002	·006	·2	.	.	.	.	.	.	.	.	.	.	·004	·005	·004	·001	·001	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	·040	·040	·002	·016	·008	·002	.	.	.	.	·002	·010	·010	9
10	·022	·001	·004	·004	·035	·007	·043	·002	·010	·004	·005	·008	·015	·005	·050	·004	·005	·004	·020	.	.	.	.	.	10
11	·052	.	.	·009	·020	·015	·025	·003	·003	·002	·005	.	.	.	·004	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	·021	.	·004	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	·043	·026	·025	.	·009	.	.	.	.	.	·095	·025	·020	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·091	.	.	.	·002	.	.	25
26	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·030	·019	·113	.	.	.	.	·001	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
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31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31
	·089	·028	·009	·017	·058	·050	·079	·007	·013	·027	·053	·078	·080	·007	·079	·012	·012	·035	·039	·117	·100	·038	·036	·032	

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	·299	·306	·297	·294	·295	·306	·319	·315	·309	·298	·319	·311	·320	·334	·345	·369	·354	·332	·320	·306	·297	·273	·271	·272	1
2	·265	·263	·274	·272	·278	·293	·311	·304	·296	·302	·292	·307	·299	·312	·295	·271	·274	·272	·308	·305	·297	·313	·318	·300	2
3	·300	·318	·309	·325	·343	·343	·347	·331	·320	·314	·306	·279	·309	·302	·279	·266	·288	·278	·350	·345	·340	·306	·319	·295	3
4	·372	·323	·340	·314	·323	·347	·379	·353	·374	·370	·389	·394	·406	·388	·397	·381	·370	·385	·404	·415	·423	·425	·438	·457	4
5	·466	·470	·471	·469	·465	·467	·480	·469	·472	·475	·475	·487	·470	·464	·*	·503	·515	·500	·508	·497	·487	·490	·496	·499	5
6	·493	·497	·494	·471	·464	·424	·426	·396	·414	·418	·448	·426	·427	·418	·418	·448	·428	·421	·433	·453	·461	·444	·449	·449	6
7	·451	·445	·430	·421	·421	·431	·429	·397	·409	·363	·370	·372	·384	·359	·383	·406	·398	·398	·404	·394	·400	·390	·374	·380	7
8	·373	·386	·374	·374	·385	·387	·415	·364	·405	·384	·397	·413	·407	·401	·390	·386	·398	·380	·389	·377	·380	·377	·387	·375	8
9	·397	·365	·402	·387	·387	·394	·397	·389	·406	·397	·461	·454	·484	·466	·469	·452	·417	·416	·407	·414	·421	·425	·414	·405	9
10	·368	·381	·390	·385	·364	·372	·390	·387	·406	·393	·403	·388	·406	·408	·415	·398	·399	·392	·390	·400	·373	·369	·360	·380	10
11	·377	·382	·372	·385	·387	·385	·391	·394	·389	·396	·406	·381	·359	·383	·380	·379	·359	·372	·370	·359	·362	·368	·357	·358	11
12	·366	·352	·346	·361	·356	·361	·353	·378	·375	·373	·383	·343	·376	·383	·361	·361	·364	·369	·393	·402	·380	·359	·336	·337	12
13	·335	·325	·312	·293	·292	·305	·378	·393	·422	·364	·376	·336	·395	·380	·374	·406	·418	·446	·427	·404	·408	·387	·373	·385	13
14	·400	·403	·396	·392	·361	·365	·367	·368	·388	·401	·414	·421	·422	·431	·427	·418	·449	·451	·436	·408	·419	·406	·404	·404	14
15	·400	·387	·402	·416	·422	·422	·407	·383	·391	·394	·415	·409	·403	·395	·403	·422	·437	·426	·432	·437	·436	·429	·426	·426	15
16	·430	·431	·448	·456	·456	·457	·480	·464	·476	·463	·467	·474	·464	·463	·463	·454	·456	·471	·483	·473	·482	·477	·467	·474	16
17	·459	·456	·458	·461	·471	·480	·500	·516	·497	·494	·489	·478	·464	·446	·467	·451	·470	·467	·480	·464	·469	·477	·487	·490	17
18	·501	·508	·508	·517	·536	·537	·549	·546	·546	·549	·560	·553	·557	·546	·560	·583	·580	·586	·588	·569	·540	·528	·527	·519	18
19	·514	·511	·505	·494	·490	·498	·508	·543	·579	·593	·523	·576	·576	·653	·652	·619	·542	·544	·549	·578	·578	·571	·554	·548	19
20	·552	·539	·527	·522	·532	·546	·545	·558	·548	·564	·569	·533	·565	·601	·611	·579	·547	·580	·555	·548	·537	·547	·552	·556	20
21	·534	·528	·502	·481	·488	·512	·541	·534	·533	·553	·526	·502	·448	·479	·499	·484	·514	·506	·582	·528	·500	·504	·489	·474	21
22	·467	·474	·474	·479	·476	·478	·491	·505	·531	·551	·546	·513	·564	·532	·542	·565	·546	·538	·522	·547	·534	·520	·495	·489	22
23	·490	·466	·444	·445	·439	·407	·411	·414	·443	·416	·421	·444	·489	·473	·472	·479	·456	·455	·437	·436	·430	·423	·433	·427	23
24	·442	·433	·420	·428	·434	·432	·444	·430	·445	·473	·500	·500	·476	·487	·479	·490	·477	·478	·446	·440	·448	·439	·434	·397	24
25	·403	·376	·404	·412	·406	·408	·424	·439	·467	·457	·476	·464	·465	·470	·490	·477	·461	·461	·454	·467	·460	·460	·441	·427	25
26	·411	·391	·391	·384	·390	·384	·392	·381	·368	·387	·380	·375	·378	·363	·354	·364	·362	·376	·393	·402	·375	·384	·393	·406	26
27	·411	·399	·398	·388	·400	·399	·417	·419	·418	·421	·415	·417	·420	·424	·424	·425	·398	·406	·412	·421	·414	·407	·399	·392	27
28	·387	·368	·359	·338	·343	·350	·358	·381	·398	·366	·376	·351	·378	·363	·340	·363	·375	·388	·401	·380	·350	·332	·315	·315	28
29	·371	·311	·322	·320	·344	·342	·341	·372	·383	·382	·350	·359	·360	·354	·386	·375	·398	·329	·327	·318	·308	·302	·307	·308	29
30	·314	·316	·306	·307	·309	·329	·395	·365	·358	·359	·347	·340	·361	·342	·378	·364	·363	·371	·362	·352	·340	·332	·339	·326	30
31	·344	·313	·307	·295	·296	·309	·334	·350	·350	·364	·387	·379	·410	·427	·428	·426	·427	·426	·412	·384	·389	·386	·378	·371	31
									13105												13058				

*Record defective or Instrument out of action. †Obtained from reading of Standard. *Approximate

Meteorological Office. 0·423
118 Victoria Street, Westminster, S.W. 0·421
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28′ N LONG 0°19′ W

HOURLY VALUES July 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·892	29·883	29·889	29·882	29·894	29·899	29·901	29·907	29·901	29·896	29·894	29·884	29·879	29·875	29·870	29·866	29·860	29·856	29·853	29·847	29·847	29·846	29·843	29·834	1
2	·829	·823	·826	·828	·827	·820	·818	·821	·830	·837	·840	·840	·837	·834	·821	·812	·809	·821	·831	29·836	29·853	29·862	29·871	29·878	2
3	29·873	29·872	29·870	29·865	29·873	29·883	29·889	29·903	29·906	29·903	29·907	29·918	29·926	29·934	29·938	29·938	29·953	29·972	29·989	30·016	30·044	30·067	30·072	30·081	3
4	30·087	30·090	30·093	30·101	30·113	30·118	30·131	30·138	30·133	30·126	30·127	30·120	30·113	30·110	30·106	30·089	30·087	30·083	30·088	·103	·108	·110	·113	·117	4
5	·114	30·108	30·099	30·088	30·082	30·088	30·099	30·097	30·091	30·090	30·087	30·084	30·082	30·076	30·072	30·064	30·058	30·049	30·044	30·051	30·050	30·046	30·036	30·027	5
6	30·014	29·998	29·992	29·987	29·978	29·981	29·984	29·989	29·989	29·976	29·977	29·961	29·950	29·951	29·953	29·948	29·945	29·953	29·962	29·968	29·971	29·981	29·983	29·977	6
7	29·975	·972	·964	·969	29·976	29·984	29·977	29·981	29·978	29·973	29·966	29·966	29·959	29·956	29·953	29·950	29·949	29·942	29·944	29·962	29·959	29·960	29·962	29·966	7
8	29·966	29·972	29·974	29·984	30·003	30·016	30·026	30·036	30·047	30·051	30·060	30·066	30·070	30·078	30·087	30·089	30·082	30·087	30·091	30·101	30·118	30·126	30·127	30·138	8
9	30·131	30·130	30·125	30·118	30·114	30·110	30·109	30·102	30·089	30·064	30·050	30·022	30·016	29·982	29·965	29·942	29·921	29·912	29·914	29·909	29·898	29·890	29·890	29·887	9
10	29·883	29·872	29·878	29·873	29·878	29·878	29·883	29·889	29·895	29·889	29·896	29·897	29·895	·890	·884	·894	·893	·892	·900	·909	·914	·921	·919	·918	10
11	·904	·903	·899	·894	·886	·867	·868	·867	·869	·863	·864	·854	·852	·842	·841	·832	·826	·818	·828	·842	·855	·860	·866	·866	11
12	·866	·852	·852	·853	·855	·861	·868	·872	·873	·876	·878	·870	·868	·864	·862	·863	·859	·860	·864	·868	·879	·882	29·887	29·884	12
13	29·876	29·873	29·874	29·876	29·886	29·907	29·914	29·916	29·920	29·926	29·938	29·936	29·938	29·942	29·944	29·938	29·938	29·944	29·961	29·981	29·992	29·999	30·008	30·006	13
14	30·006	30·006	30·010	30·022	30·028	30·042	30·052	30·056	30·062	30·066	30·065	30·068	30·069	30·071	30·071	30·072	30·073	30·079	30·094	30·108	30·116	30·126	·130	·138	14
15	·137	·144	·160	·157	·164	·176	·182	·182	·184	·191	·184	·176	·178	·177	·172	·170	·168	·164	·165	·175	·184	·192	·195	·200	15
16	·203	·208	·210	·212	·222	·236	·249	·252	·253	·252	·254	·251	·250	·245	·245	·241	·238	·236	·246	·247	·255	·261	·262	·270	16
17	·280	·286	·281	·280	·279	·280	·285	·292	·288	·281	·272	·269	·266	·252	·250	·232	·230	·221	·230	·233	·251	·260	·268	·283	17
18	·284	·284	·285	·293	·299	·305	·312	·316	·313	·304	·299	·290	·290	·282	·278	·266	·263	·258	·256	·260	·268	·276	·278	·271	18
19	·269	·259	·253	·254	·257	·259	·257	·255	·261	·241	·227	·224	·210	·197	·187	·171	·163	·157	·155	·161	·167	·170	·168	·167	19
20	·158	·144	30·137	30·126	30·128	30·137	30·133	30·127	30·117	30·104	30·095	30·078	30·067	30·067	30·055	30·042	30·037	30·027	30·027	30·034	30·036	30·038	30·038	30·023	20
21	30·015	30·008	29·997	29·994	29·986	29·983	29·983	29·971	29·976	29·981	29·993	29·991	29·988	29·967	29·964	29·955	29·951	29·953	29·967	29·971	29·979	29·973	29·972	29·963	21
22	29·961	29·951	·953	·952	·956	·953	·950	·949	·951	·951	·952	·950	·950	·951	·948	·947	·948	·955	·964	·969	·977	·986	·984	·984	22
23	·976	·966	·963	·964	·958	·962	·967	·968	·968	·960	·956	·942	·925	·909	·884	·873	·873	·862	·843	·842	·840	·828	·823	·815	23
24	·796	·789	·771	·750	·736	·736	·733	·730	·714	·702	·700	·688	·678	·658	·638	·618	·627	·632	·630	·636	·636	·640	·642	·636	24
25	·635	·635	·633	·628	·634	·638	·646	·665	·659	·673	·695	·700	·702	·696	·692	·682	·693	·709	·717	·725	·731	·742	·745	·742	25
26	·742	·736	·736	·738	·747	·762	·766	·766	·760	·762	·763	·761	·765	·765	·762	·752	·745	·744	·744	·747	·751	·762	·762	·764	26
27	·764	·773	·781	·795	·806	·829	·831	·841	·852	·858	·874	·868	·867	·868	·864	·857	·862	·876	·891	·908	·913	·918	·923	·921	27
28	·928	·914	·910	·915	·920	29·929	29·932	29·932	29·933	29·927	29·924	29·921	·915	·908	·906	29·904	29·908	29·918	29·932	29·952	29·955	29·969	29·970	29·972	28
29	29·975	29·982	29·983	29·983	29·988	30·002	30·015	30·020	30·019	30·007	30·004	30·000	29·996	29·988	29·997	30·003	30·013	30·021	30·029	30·041	30·058	30·069	30·073	30·077	29
30	30·083	30·084	30·085	30·103	30·117	·126	·133	·130	·137	·133	·134	·139	30·146	30·149	30·156	·169	·174	·190	·208	·230	·252	·263	·265	·270	30
31	30·268	30·264	30·266	30·267	30·274	30·286	30·301	30·314	30·318	30·324	30·323	30·315	30·317	30·319	30·314	30·306	30·302	30·304	30·313	30·329	30·329	30·332	30·329	30·335	31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	575	563	550	546	556	573	581	606	610	630	650	660	660	648	647	640	620	620	620	619	611	607	593	580	1
2	575	550	540	537	530	530	534	540	546	552	553	555	560	570	620	602	600	581	575	571	563	552	546	540	2
3	532	529	528	529	526	525	540	542	570	592	690	557	571	599	577	615	615	609	600	578	561	553	541	538	3
4	510	489	482	476	480	600	533	561	593	620	640	648	660	681	685	692	689	672	665	641	620	606	598	579	4
5	575	562	550	546	555	573	590	609	633	646	660	662	680	681	691	688	670	672	659	650	640	632	627	615	5
6	603	590	583	581	591	604	620	632	642	670	680	701	730	730	748	737	722	709	683	660	648	624	606	590	6
7	581	572	561	556	571	582	605	611	637	668	690	690	690	710	685	709	690	700	685	660	650	640	629	618	7
8	600	590	582	564	573	588	602	615	632	646	669	667	670	671	657	656	678	682	675	637	605	580	572	573	8
9	550	545	532	520	529	*	580	608	633	672	690	700	710	703	690	680	665	658	632	617	612	614	607	593	9
10	578	563	552	558	562	575	591	609	623	635	633	639	649	668	660	644	633	630	600	604	598	590	583	579	10
11	570	561	562	562	565	570	571	585	595	615	616	635	635	652	641	643	665	646	635	620	600	581	581	570	11
12	573	570	563	563	568	573	592	607	615	619	629	651	650	650	645	629	619	601	594	585	579	569	569	565	12
13	560	551	548	540	543	550	570	592	613	630	640	659	672	669	686	691	680	679	652	638	623	595	587	585	13
14	540	531	522	519	530	540	572	608	619	619	626	648	656	659	670	670	669	662	650	632	610	574	579	565	14
15	554	550	566	666	557	562	591	603	607	610	637	650	656	669	681	680	689	690	680	641	611	595	573	567	15
16	550	539	535	529	529	539	575	605	639	658	680	697	720	726	735	731	734	730	720	687	646	620	609	590	16
17	584	572	565	551	549	578	617	648	680	708	730	738	758	780	790	795	805	813	805	732	698	677	660	650	17
18	660	640	613	610	610	621	660	693	716	734	759	769	790	791	790	810	810	811	794	762	730	710	689	677	18
19	652	633	630	618	617	642	669	691	726	760	780	781	805	814	813	810	796	780	761	717	685	663	644	635	19
20	623	615	611	610	618	636	660	683	715	742	770	770	776	752	766	760	747	741	722	692	681	669	652	643	20
21	639	635	631	630	635	653	672	690	715	736	750	750	765	770	775	766	750	741	723	701	689	671	655	642	21
22	640	620	625	618	620	647	663	678	718	722	755	765	729	746	770	751	740	716	681	648	646	641	640	640	22
23	645	641	638	634	620	620	615	618	620	630	649	662	683	700	710	704	710	710	700	680	660	653	649	627	23
24	627	623	630	626	611	626	640	663	670	680	650	665	678	695	723	720	650	640	638	619	610	600	601	608	24
25	606	601	597	593	592	590	596	596	612	620	607	629	651	673	670	669	643	616	608	601	605	601	590	600	25
26	594	590	571	559	553	561	592	604	630	655	667	669	680	679	685	690	701	689	672	658	641	600	600	597	26
27	590	591	598	598	590	593	601	616	631	640	648	660	669	700	711	701	685	669	654	630	611	606	600	585	27
28	586	585	572	550	547	544	550	581	606	630	632	641	659	657	657	653	657	647	620	604	595	584	580	570	28
29	552	530	517	520	501	530	555	591	622	648	651	655	660	697	660	630	612	607	608	590	566	545	530	518	29
30	511	500	493	481	490	518	556	590	602	623	649	646	663	667	680	668	653	640	620	609	588	571	562	551	30
31	543	560	568	565	568	570	580	590	607	611	630	645	660	665	670	665	679	655	640	618	592	588	564	560	31

* Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51°28'N. LONG: 0°19'W.

WIND DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N}

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	3	4·5	3	4	3	4	3	5·5	3	5·5	3	9·5	3	10·5	3	7·5	3	6·5	3	4·5	3	6·5	3	4	3	6·5
2	5	11	4	12	4	8·5	4	7·5	4	8·5	4	10·5	4	8·5	4	7·5	3	7·5	3	5·5	3	5·5	3	3	3	4·5
3	2	4	2	2	2	2	2	3	2	3	2	3	2	4	27	6·5	24	6·5	24	8·5	24	8·5	1	5·5	2	4·5
4	3	1·5	3	1·5	3	2	3	3	3	1·5	3	3	3	5·5	25	6·5	26	8·5	25	7·5	24	7·5	24	10·5	23	10·5
5	21	6·5	21	6·5	21	5·5	21	7·5	21	9·5	21	10·5	22	9·5	21	11	23	13	22	15	21	13	23	10·5	22	15
6	21	10·5	20	8·5	20	9·5	20	6·5	20	8·5	20	11	21	11	21	12	21	10·5	22	14	24	12	22	17	23	21
7	24	4	24	5·5	24	5·5	24	5·5	24	5·5	24	6·5	24	6·5	24	8·5	24	9·5	24	10·5	24	11	25	13	26	10·5
8	26	2	26	3	26	1·5	26	2	26	1·5	26	3	30	6·5	28	7·5	30	7·5	29	7·5	31	7·5	30	10·5	2	12
9	16	1·5	16	2	16	2	16	3	16	5·5	16	5·5	19	8·5	19	9·5	18	9·5	19	15	20	14	21	14	20	17
10	24	7·5	24	4·5	24	4·5	24	4	24	6·5	24	6·5	24	5·5	24	9·5	24	11	24	10·5	25	12	24	11	25	12
11	24	4·5	24	6·5	24	6·5	24	4·5	24	4·5	23	7·5	21	8·5	21	9·5	23	12	25	14	24	15	25	13	25	15
12	24	7·5	23	5·5	23	5·5	23	7·5	23	5·5	23	5·5	25	7·5	25	5·5	25	4	26	4	26	4·5	26	5·5	29	6·5
13	26	2	26	2	26	1·5	26	2	26	4	31	4·5	3	10·5	3	9·5	3	13	1	11	3	10·5	2	10·5	3	10·5
14	4	1·5	4	2	4	3	4	4	4	4·5	32	4	32	4	32	4	32	4·5	32	6·5	3	6·5	2	6·5	3	8·5
15	31	4	31	4	31	4·5	29	4	29	4	29	4	28	9·5	28	8·5	29	8·5	27	7·5	28	5·5	29	5·5	28	7·5
16	28	3	28	4·5	28	4	28	3	28	4	28	2	28	3	28	4·5	28	4	27	6·5	30	6·5	30	6·5	31	5·5
17	31	2	31	3	31	4	31	3	31	3	31	2	31	3	31	4·5	31	4·5	28	6·5	24	8·5	30	8·5	29	8·5
18	32	4	32	4	32	2	32	3	32	3	32	3	32	4	1	6·5	32	5·5	30	6·5	30	4·5	32	6·5	30	6·5
19	29	1·5	29	2	29	1·5	29	2	29	2	29	2	32	5·5	32	4	32	4	3	8·5	7	8·5	8	12	10	10·5
20	10	5·5	10	9·5	10	8·5	10	5·5	10	6·5	10	11	10	11	6	11	8	13	8	17	9	15	7	16	7	23
21	7	10·5	7	8·5	7	7·5	7	8·5	7	10·5	7	13	8	19	7	17	7	15	7	20	8	23	7	27	7	23
22	6	8·5	6	5·5	6	6·5	6	5·5	6	5·5	6	9·5	3	11	2	9·5	4	13	5	17	5	18	5	21	7	19
23	8	9·5	8	8·5	8	10·5	8	7·5	6	8·5	5	8·5	5	6·5	5	6·5	5	4	5	6·5	4	7·5	5	9·5	4	9·5
24	18	2	18	1·5	18	3	18	2	18	3	18	3	18	4	18	4·5	10	5·5	16	9·5	17	7·5	17	7·5	21	6·5
25	20	5·5	20	5·5	20	7·5	20	5·5	20	6·5	20	6·5	20	6·5	23	8·5	23	8·5	24	8·5	25	5·5	24	8·5	25	8·5
26	22	6·5	22	8·5	22	7·5	22	7·5	22	5·5	21	7·5	21	6·5	22	7·5	21	7·5	20	7·5	21	10·5	21	10·5	23	9·5
27	30	2	30	1·5	30	2	30	4	30	5·5	30	3	29	5·5	32	8·5	30	7·5	28	12	29	8·5	27	7·5	27	7·5
28	8	3	8	1·5	32	6·5	31	5·5	31	3	31	4	31	4	31	4	1	2	1	4	4	6·5	3	7·5	3	9·5
29	8	2	8	1·5	8	1·5	8	2	8	1·5	8	1·5	8	2	8	2	8	3	32	4	22	4	31	3	31	4·5
30	4	2	4	4	4	3	4	3	4	3	4	3	30	6·5	30	8·5	32	11	32	12	32	16	32	14	32	15
31	32	5·5	32	8·5	32	11	31	11	1	10·5	1	6·5	1	8·5	1	8·5	2	11	2	11	4	11	4	10·5	1	10·5

RAINFALL

1 day

GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1																								
2		·025	·100	·065	·025																			
3										·010		·035	·005		·020									
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13										·020														
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																					·085			
24										·075	·180			·005		·005	·890							
25										·035	·045	·090												
26																						·550	·045	
27																								
28																								
29																								
30																								
31																								
0		·025	·100	·065	·025					·110	·260	·095		·025		·005	·895		·010	·105	·550	·045		

*Record defective or Instrument out of action.

HOURLY VALUES July 1878.

AND VELOCITY IN MILES PER HOUR.

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.D.T. D	M.D.T. V	DAYS
1	3	4·5	3	6·5	3	6·5	8	8·5	8	6·5	8	6·5	6	8·5	5	9·5	5	9·5	5	11	5	10·5	1
2	3	3	3	3	1	5·5	1	12	2	12	2	7·5	2	4	2	4·5	2	5·5	2	3	2	3	2
3	32	7·5	30	6·5	30	5·5	1	8·5	3	7·5	3	5·5	3	6·5	3	5·5	3	5·5	3	4	3	3	3
4	24	10·5	24	9·5	23	8·5	23	9·5	23	8·5	25	10·5	25	7·5	23	5·5	21	5·5	21	5·5	21	4·5	4
5	22	15	22	15	22	14	22	13	22	12	22	9·5	21	8·5	21	10·5	22	8·5	21	8·5	21	8·5	5
6	24	16	24	15	24	12	23	11	23	11	23	10·5	24	6·5	24	9·5	24	7·5	24	5·5	24	4·5	6
7	24	12	29	15	29	10·5	27	7·5	28	5·5	28	5·5	26	5·5	26	3	26	3	26	2	26	2	7
8	32	9·5	1	11	32	5·5	32	6·5	1	4·5	1	2	1	3	6	2	6	3	6	6·5	16	4	8
9	20	17	19	20	19	14	19	13	23	12	22	9·5	20	5·5	21	9·5	22	8·5	23	9·5	24	6·5	9
10	25	13	25	12	26	11	25	7·5	25	4·5	30	5·5	30	3	30	4	26	4·5	26	5·5	24	4·5	10
11	26	13	25	11	23	10·5	24	13	25	13	26	11	25	10·5	26	5·5	24	8·5	24	7·5	24	8·5	11
12	28	6·5	28	4·5	28	5·5	26	3	26	4·5	26	5·5	26	3	26	4	26	4	26	4	26	4	12
13	32	6·5	32	8·5	32	7·5	2	8·5	4	9·5	4	7·5	4	6·5	4	8	4	3	4	1·5	4	1·5	13
14	32	7·5	1	6·5	3	6·5	31	5·5	31	4	31	2	31	2	31	3	31	2	31	3	31	3	14
15	28	10·5	29	9·5	28	10·5	28	8·5	28	6·5	28	4	28	2	28	2	28	3	28	2	28	2	15
16	29	8·5	30	7·5	30	9·5	30	10·5	31	6·5	31	6·5	31	4	31	3	31	1·5	31	1·5	31	1·5	16
17	32	6·5	27	5·5	32	6·5	32	4	32	4	32	2	32	1·5	32	2	32	1·5	32	1·5	32	3	17
18	20	6·5	30	7·5	32	6·5	29	5·5	29	4	29	5·5	29	4	29	4·5	29	4	29	3	29	3	18
19	11	11	9	13	9	15	9	15	9	13	10	14	10	11	10	7·5	10	9·5	10	7·5	10	7·5	19
20	8	21	7	19	7	20	8	20	7	24	8	17	8	13	8	16	7	17	7	14	7	11	20
21	8	22	8	19	8	20	7	19	8	17	8	11	8	7·5	8	7·5	6	8·5	6	6·5	6	6·5	21
22	6	17	7	20	7	20	6	17	8	15	9	10·5	9	13	9	12	9	8·5	9	10·5	8	9·5	22
23	3	8·5	3	12	3	7·5	3	6·5	3	9·5	3	8·5	6	8·5	9	7·5	9	6·5	19	8·5	18	4	23
24	18	9·5	16	9·5	18	13	25	12	22	6·5	22	5·5	22	4·5	22	5·5	22	6·5	22	6·5	20	6·5	24
25	25	12	24	8·5	22	10·5	24	11	25	8·5	24	8·5	21	7·5	24	7·5	25	11	23	10·5	22	7·5	25
26	22	8·5	23	10·5	23	6·5	23	6·5	23	4	23	3	23	4	23	8·5	30	7·5	30	1·5	30	2	26
27	30	10·5	30	7·5	25	9·5	28	8·5	31	10·5	32	9·5	1	4·5	1	5·5	1	2	1	3	8	2	27
28	8	12	6	9·5	5	11	6	13	8	11	8	7·5	8	4·5	8	4	8	5·5	8	2	8	2	28
29	32	10·5	3	16	4	14	4	6·5	4	2	4	4	4	2	4	2	4	3	4	1·5			29
30	32	16	1	18	3	18	2	16	2	15	2	11	2	10·5	2	6·5	2	6·5	32	6·5	32	4·5	30
31	2	9·5	1	12	4	11	2	13	3	13	4	14	4	8·5	4	9·5	4	8·5	4	8·5	4	9·5	31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	·415	·406	·409	·410	·418	·406	·415	·410	·417	·441	·406	·420	·421	·422	·417	·453	·442	·450	·403	·396	·364	·354	·388		1
2	·389	·382	·364	·366	·356	·362	·360	·332	·348	·344	·346	·360	·361	·377	·342	·330	·341	·347	·343	·339	·323	·327	·329		2
3	·323	·337	·343	·358	·354	·355	·360	·351	·326	·359	·361	·390	·370	·397	·371	·329	·330	·342	·344	·321	·323	·316	·327		3
4	·331	·332	·324	·325	·337	·367	·344	·356	·352	·369	·349	·340	·361	·382	·395	·411	·425	·435	·422	·433	·416	·406	·411		4
5	·405	·403	·383	·392	·401	·410	·417	·439	·436	·458	·447	·441	·440	·442	·457	·462	·473	·481	·484	·483	·474	·478	·463		5
6	·452	·440	·438	·441	·450	·459	·471	·492	·483	·501	·510	·472	·443	·445	·410	·452	·440	·392	·412	·386	·394	·392	·407		6
7	·417	·418	·413	·413	·448	·426	·438	·450	·440	·402	·402	·407	·406	·432	·410	·385	·392	·408	·458	·478	·470	·476	·468		7
8	·442	·424	·416	·413	·413	·383	·373	·385	·373	·373	·379	·424	·410	·410	·384	·392	·393	·392	·409	·409	·443	·431	·418		8
9	·408	·394	·385	·395	*	·421	·439	·449	·437	·416	·392	·412	·415	·405	·421	·468	·437	·490	·492	·500	·498	·473	·460		9
10	·430	·407	·402	·416	·416	·426	·408	·395	·364	·379	·352	·360	·362	·347	·360	·374	·377	·374	·383	·392	·388	·384	·373		10
11	·385	·383	·383	·376	·372	·379	·392	·393	·368	·374	·383	·372	·382	·389	·392	·392	·396	·382	·372	·382	·389	·389	·389		11
12	·388	·387	·387	·388	·401	·405	·395	·403	·400	·396	·373	·384	·374	·371	·395	·421	·440	·419	·407	·423	·422	·412	·411		12
13	·414	·406	·400	·378	·370	·367	·375	·358	·342	·351	·341	·346	·344	·357	·369	·362	·368	·369	·358	·398	·375	·384	·397		13
14	·379	·382	·362	·363	·360	·372	·378	·373	·366	·368	·368	·384	·381	·372	·397	·376	·383	·396	·429	·436	·420	·414	·406		14
15	·400	·406	·400	·395	·394	·403	·391	·398	·402	·423	·421	·439	·445	·429	·436	·436	·440	·441	·472	·454	·444	·430	·421		15
16	·390	·373	·367	·362	·372	·405	·423	·447	·461	·464	·435	·448	·447	·468	·474	·468	·452	·466	·482	·494	·487	·489	·467		16
17	·483	·442	·426	·423	·430	·463	·469	·492	·497	·508	·491	·506	·517	·552	·521	·540	·533	·570	·605	·593	·615	·575	·566		17
18	·461	·472	·448	·458	·477	·496	·521	·522	·529	·560	·551	·558	·557	·552	·554	·544	·576	·590	·608	·615	·596	·577	·574		18
19	·528	·540	·520	·515	·547	·551	·575	·600	·607	·605	·594	·573	·562	·547	·528	·515	·502	·482	·477	·452	·437	·443	·453		19
20	·497	·495	·487	·490	·531	·536	·529	·520	·536	·550	·521	·512	·480	·463	·468	·474	·485	·484	·487	·503	·506	·507	·517		20
21	·513	·508	·500	·499	·510	·532	·517	·527	·505	·501	·465	·476	·482	·457	·463	·476	·479	·498	·475	·497	·514	·497	·489		21
22	·487	·497	·493	·490	·522	·539	·551	·560	·564	·535	·479	·545	·578	·550	·574	·538	·532	·523	·551	·547	·540	·531	·532		22
23	·553	·528	·521	·507	·507	·496	·490	·500	·506	·512	·526	·526	·534	·529	·536	·550	·563	·545	·552	·586	·576	·582	·542		23
24	·540	·540	·536	·511	·539	·564	·566	·535	·569	·580	·623	·602	·564	·595	·531	·510	·546	·528	·526	·506	·488	·493	·499		24
25	·483	·469	·463	·467	·477	·481	·477	·470	·462	·482	·491	·477	·429	·444	·454	·427	·459	·410	·422	·420	·394	·407	·409		25
26	·406	·393	·392	·396	·393	·406	·396	·392	·396	·411	·422	·427	·420	·435	·449	·455	·461	·480	·499	·504	·485	·492	·490		26
27	·496	·482	·478	·452	·432	·422	·403	·402	·431	·444	·434	·444	·435	·441	·414	·435	·425	·442	·443	·466	·467	·469	·456		27
28	·463	·431	·375	·374	·375	·372	·406	·418	·420	·412	·402	·382	·397	·383	·388	·383	·389	·394	·366	·372	·388	·399	·405		28
29	·380	·365	·388	·360	·391	·403	·436	·419	·450	·449	·407	·427	·413	·406	·420	·379	·356	·386	·380	·391	·379	·358	·359		29
30	·339	·336	·321	·330	·342	·372	·407	·396	·403	·392	·393	·403	·403	·413	·399	·375	·384	·388	·384	·375	·371	·366	·358		30
31	·373	·380	·381	·386	·399	·413	·412	·409	·401	·411	·411	·414	·426	·424	·424	·428	·424	·403	·390	·394	·384	·372	·368		31

13662 0·439 B951 0·450

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W — HOURLY VALUES August 1878.

BAROMETER. CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·251	30·237	30·231	30·234	30·232	30·230	30·215	30·217	30·201	30·186	30·187	30·181	30·171	30·161	30·146	30·123	30·102	30·088	30·085	30·087	30·088	30·080	30·064	30·062	1
2	30·054	30·034	30·016	29·997	29·992	29·980	29·976	29·975	29·968	29·958	29·953	29·938	29·932	29·930	29·926	29·916	29·914	29·915	29·912	29·918	29·921	29·927	29·923	29·915	2
3	29·915	29·902	29·893	·889	·887	·890	·890	·886	·879	·886	·881	·879	·862	·868	·851	·844	·832	·837	·832	·838	·851	·858	·852	·852	3
4	·846	·836	·833	·829	·823	·820	·821	·827	·826	·821	·816	·812	·805	·795	·786	·779	·765	·762	·755	·756	·751	·735	·726	·716	4
5	·703	·682	·644	·646	·635	·624	·613	·613	·615	·627	·624	·625	·624	·628	·625	·628	·621	·627	·632	·642	·642	·653	·646	·647	5
6	·631	·625	·615	·609	·607	·613	·617	·615	·621	·624	·633	·629	·620	·616	·610	·609	·608	·616	·623	·639	·643	·658	·651	·656	6
7	·655	·649	·643	·647	·650	·659	29·667	29·683	29·688	29·706	29·717	29·737	29·745	29·760	29·770	29·791	29·802	29·818	29·837	29·863	29·885	29·905	29·910	29·931	7
8	·934	·947	·958	·964	·969	·987	30·003	30·022	30·031	30·046	30·045	30·051	30·050	30·056	30·047	30·050	30·047	30·043	30·044	30·042	30·044	30·039	30·028	30·018	8
9	·994	·978	·954	·944	·928	·923	29·911	29·898	29·879	29·865	29·854	29·844	29·817	29·799	29·775	29·754	29·731	29·719	29·701	29·691	29·680	29·679	29·664	29·655	9
10	·655	·643	·644	·657	·667	·699	·709	·735	·753	·771	·787	·794	·795	·798	·798	·806	·804	·812	·817	·826	·834	·836	·829	·817	10
11	·797	·777	·752	·720	·701	·678	·660	·645	·612	·587	·547	·507	·470	·425	·377	·369	·368	·368	·374	·386	·397	·406	·414	·446	11
12	·460	·478	·480	·489	·502	·523	·531	·550	·562	·573	·589	·593	·599	·602	·599	·593	·597	·600	·609	·617	·618	·621	·620	·612	12
13	·606	·594	·575	·558	·537	·522	·503	·490	·470	·451	·435	·420	·406	·389	·359	·332	·321	·302	·301	·304	·312	·332	·338	·344	13
14	·350	·356	·361	·375	·392	·425	·445	·469	·484	·500	·510	·522	·526	·535	·546	·553	·556	·558	·565	·573	·577	·575	·569	·565	14
15	·553	·539	·521	·504	·493	·487	·483	·477	·475	·469	·460	·461	·451	·440	·432	·432	·431	·437	·439	·447	·456	·460	·462	·466	15
16	·468	·469	·483	·500	·518	·546	·563	·589	·613	·632	·649	·664	·683	·695	·707	·723	·732	·743	·752	·768	·782	·786	·787	·795	16
17	·791	·789	·773	·769	·773	·778	·784	29·797	29·805	29·819	·828	·842	·853	·866	·873	·881	·893	·906	·917	·935	·954	·966	·975	·983	17
18	·983	·985	·986	·982	·985	·991	·996	30·002	30·003	30·000	·999	·997	·992	·985	·971	·967	·962	·959	·953	·958	·960	·956	·948	·930	18
19	·921	·900	·887	·866	·860	·859	·859	29·858	29·851	29·839	·833	·826	·832	·827	·810	·802	·795	·790	·791	·799	·795	·793	·788	·778	19
20	·772	·770	·766	·760	·762	·768	·775	·790	·799	·812	·814	·813	·819	·831	·833	·835	·835	·850	·853	·865	·873	·885	·888	·889	20
21	·879	·871	·860	·851	·837	·841	·831	·825	·814	·806	·803	·783	·765	·758	·742	·727	·714	·699	·697	·689	·681	·665	·641	·633	21
22	·618	·599	·586	·552	·550	·572	·563	·574	·570	·580	·591	·593	·562	·560	·560	·561	·564	·543	·533	·544	·542	·548	·553	·536	22
23	·547	·542	·538	·534	·530	·536	·547	·558	·565	·566	·575	·582	·585	·584	·585	·592	·595	·599	·604	·622	·627	·628	·619	·616	23
24	·610	·610	·607	·607	·610	·615	·618	·621	·628	·641	·646	·637	·622	·615	·612	·600	·580	·576	·576	·578	·574	·568	·551	·533	24
25	·512	·497	·471	·457	·442	·439	·426	·427	·422	·413	·408	·409	·393	·390	·380	·375	·369	·365	·360	·366	·363	·363	·369	·368	25
26	·362	·370	·361	·371	·363	·372	·373	·382	·381	·388	·389	·390	·390	·397	·398	·400	·401	·409	·412	·434	·438	·445	·451	·453	26
27	·450	·440	·431	·419	·405	·395	·389	·388	·378	·386	·389	·373	·366	·360	·337	·331	·333	·331	·324	·316	·299	·347	·428	·473	27
28	·499	·530	·543	·569	·589	·620	·644	·665	·688	·694	·700	·707	·708	·716	·708	·701	·700	·704	·700	·697	·694	·677	·664	·646	28
29	·628	·606	·583	·553	·530	·517	·517	·497	·485	·474	·464	·447	·437	·424	·419	·408	·403	·408	·412	·423	·438	·447	·456	·461	29
30	·470	·478	·481	·489	·496	·519	·525	·551	·572	·598	·609	·621	·630	·638	·644	29·656	29·666	29·679	29·694	29·719	29·734	29·749	29·764	29·778	30
31	29·788	29·807	29·815	29·825	29·833	29·855	29·873	29·889	29·910	29·929	29·936	29·953	29·966	29·982	29·993	30·008	30·013	30·032	30·040	30·057	30·063	30·083	30·082	30·090	31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	60·3	60·3	59·6	58·0	57·9	58·7	62·2	63·9	65·0	66·4	67·7	69·6	73·3	72·3	72·1	71·0	71·0	70·0	70·9	68·7	63·5	63·4	61·6	61·9
2	62·0	61·1	61·4	59·4	57·9	57·7	60·8	62·6	64·9	65·9	68·0	69·0	69·4	70·4	70·8	71·3	70·9	70·2	70·3	68·4	63·0	62·4	60·8	62·4
3	60·0	60·3	57·8	57·3	57·3	59·1	61·6	62·1	63·3	64·7	68·3	67·3	70·9	68·2	68·6	67·8	72·4	75·3	68·3	67·6	63·1	62·2	61·2	60·4
4	60·4	59·8	59·8	59·1	58·4	58·6	60·3	59·9	59·9	60·5	62·5	63·2	66·1	65·4	63·0	62·0	62·3	63·0	62·2	61·6	61·2	61·4	61·4	61·4
5	62·7	61·6	61·3	61·4	61·2	61·1	61·1	61·5	62·6	63·1	64·0	64·3	64·7	65·2	65·7	64·6	64·2	63·2	62·3	60·6	60·8	60·7	60·7	60·2
6	60·6	60·5	60·4	60·6	60·8	60·9	61·4	62·9	64·3	65·0	66·7	66·6	66·2	68·0	67·6	67·7	67·0	65·0	65·2	62·6	60·2	59·1	58·5	58·5
7	58·3	58·2	59·4	60·5	60·5	57·4	60·8	60·0	63·1	63·7	64·2	64·9	65·2	65·3	64·9	62·8	62·9	63·0	62·6	61·3	61·0	61·1	61·0	61·1
8	60·8	60·3	59·6	58·9	58·4	58·3	59·7	62·0	63·8	63·4	65·2	66·3	67·1	67·1	68·0	68·5	68·9	65·4	65·0	63·7	63·0	62·5	62·6	60·7
9	60·8	61·2	61·8	61·6	62·4	62·3	62·7	63·6	64·6	63·6	63·4	64·8	66·1	67·0	65·4	66·6	67·2	65·9	64·3	63·5	62·0	62·2	62·4	62·0
10	62·6	62·1	61·0	58·7	60·1	59·7	59·9	60·4	61·7	61·7	63·0	63·2	62·4	63·3	64·7	62·9	62·9	61·6	61·6	59·0	58·7	57·8	58·4	59·4
11	59·8	59·9	60·1	60·4	60·5	60·8	60·4	59·9	60·2	60·3	62·1	61·3	60·9	59·6	60·7	62·2	62·6	62·1	61·9	61·7	60·7	60·9	59·7	59·6
12	59·3	57·7	57·4	58·0	57·8	58·1	58·7	60·4	59·3	60·9	62·3	61·8	62·9	63·2	63·4	63·3	62·9	60·9	59·6	58·1	59·2	57·0	59·2	59·3
13	58·2	58·5	59·6	60·3	59·9	59·4	61·0	61·5	61·2	61·6	61·9	61·8	62·6	62·5	62·6	62·6	62·9	62·4	62·2	61·3	61·0	61·2	61·3	61·1
14	61·3	61·0	61·1	61·5	60·1	60·7	61·2	60·7	62·3	63·7	64·1	63·5	63·9	63·5	62·7	62·2	62·7	63·0	61·4	59·6	59·2	59·2	58·3	58·1
15	56·1	57·0	58·2	58·3	58·2	57·6	58·7	57·4	59·4	61·6	62·7	61·1	62·0	63·9	63·7	63·6	64·1	63·7	61·4	60·0	59·2	58·3	58·0	58·1
16	58·7	58·3	58·0	57·8	57·6	57·8	57·9	58·6	56·5	57·5	58·7	59·6	59·5	60·7	61·0	59·9	59·3	59·1	58·0	56·8	56·7	55·2	56·2	56·0
17	57·4	57·5	57·6	56·4	57·4	57·2	58·6	60·2	60·6	61·0	62·0	64·1	63·2	63·6	64·7	63·7	62·7	62·0	61·0	60·3	59·8	59·6	60·2	59·8
18	57·8	57·7	57·3	56·5	55·9	58·5	59·2	60·9	61·8	65·1	66·4	66·2	67·5	68·8	68·7	67·5	65·9	65·9	65·8	63·5	59·7	58·9	57·9	56·6
19	55·2	54·7	54·3	55·2	57·8	57·1	58·5	58·6	61·3	62·3	63·3	63·7	64·3	63·8	64·8	64·1	64·5	65·3	62·4	61·5	60·9	60·4	60·1	60·6
20	60·0	60·1	59·8	58·6	58·7	57·4	57·5	58·1	59·5	60·3	62·0	63·0	66·8	63·8	65·4	61·6	62·6	61·4	61·2	59·7	58·2	56·6	56·2	56·0
21	56·5	56·4	56·2	54·2	52·7	53·5	55·6	58·8	61·3	63·2	63·2	64·6	65·3	65·8	67·2	65·8	63·4	64·3	63·1	62·4	62·1	61·9	62·6	62·7
22	63·2	61·6	60·6	60·0	59·8	59·2	59·6	59·6	61·2	61·5	61·3	63·4	61·1	62·4	62·4	60·4	58·5	58·6	58·7	59·3	60·0	59·8	60·2	59·6
23	58·8	57·5	57·8	56·4	57·2	57·2	57·7	57·7	58·5	59·9	60·6	60·0	59·7	60·2	59·6	59·2	58·6	58·2	57·9	57·0	56·2	56·4	56·6	56·3
24	56·7	56·9	56·8	56·4	56·4	56·4	56·8	58·0	59·6	61·3	61·2	62·1	62·7	62·6	63·1	62·7	62·9	62·5	60·2	57·5	55·9	55·1	54·6	54·1
25	55·7	55·6	56·6	57·3	58·1	57·9	58·6	59·0	59·6	60·3	62·2	60·9	62·7	61·6	61·0	60·9	61·1	61·4	60·9	60·8	60·3	60·6	60·6	60·3
26	59·7	59·8	59·9	59·4	58·6	58·1	59·1	61·1	62·2	62·3	63·2	63·8	64·3	65·9	65·5	63·8	63·0	60·9	60·5	58·9	56·3	57·5	57·9	58·9
27	58·0	58·5	59·5	59·7	60·0	59·9	60·0	59·6	60·9	61·3	58·0	61·9	61·7	61·8	65·2	63·3	63·0	60·9	60·9	57·0	55·8	56·0	56·9	58·2
28	58·2	57·4	57·4	57·5	57·6	57·3	59·1	60·8	60·6	62·8	62·5	62·5	62·9	64·9	65·2	64·7	64·1	63·2	61·6	59·8	58·6	58·6	57·7	57·3
29	57·3	57·3	57·2	57·9	58·4	56·9	56·6	56·5	57·9	57·8	59·0	59·3	58·8	58·9	58·7	58·7	59·1	58·9	59·1	58·5	58·6	58·6	58·9	58·2
30	58·5	58·3	58·9	58·6	58·4	58·9	59·6	59·7	60·7	60·6	61·7	61·5	63·0	63·2	62·9	62·7	62·7	62·2	60·6	60·4	59·7	59·9	59·7	59·7
31	59·1	58·9	59·1	59·3	59·0	58·8	58·8	58·7	58·7	59·8	59·8	61·0	59·0	61·6	59·6	58·4	60·0	58·0	58·1	57·9	57·2	56·6	57·1	56·9

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	56·8	56·9	56·6	56·0	55·8	56·6	58·3	59·1	60·6	61·1	61·7	63·0	65·3	64·8	65·1	64·1	64·1	63·9	64·9	62·9	60·7	59·6	58·0	57·1
2	56·6	55·4	56·5	55·0	54·6	54·7	56·7	57·2	59·9	58·5	61·8	61·6	62·3	61·6	62·4	61·8	60·2	59·8	62·0	61·3	58·6	58·3	57·2	57·6
3	56·7	56·4	55·8	55·2	54·9	55·6	57·0	58·7	58·1	58·6	61·8	61·6	63·6	62·3	62·7	62·6	64·4	64·4	62·7	62·4	61·2	60·4	59·0	57·9
4	57·7	57·4	57·2	56·7	56·1	56·4	57·0	57·6	58·8	59·1	60·4	61·4	62·1	62·0	61·7	61·3	61·0	61·2	60·9	60·6	60·6	60·6	60·5	60·4
5	61·3	60·9	60·8	60·9	60·8	60·7	60·7	60·4	60·9	60·6	60·6	60·9	60·8	61·6	61·9	61·6	62·6	61·9	61·5	60·3	60·0	59·4	59·6	59·1
6	59·3	59·1	59·1	59·1	59·3	59·4	59·8	60·9	61·9	61·9	62·6	63·0	62·5	63·3	62·3	62·2	62·6	61·9	61·3	59·7	58·0	57·5	57·7	57·6
7	57·0	57·1	58·2	58·5	58·9	56·4	58·8	57·9	59·9	60·1	60·3	60·8	61·0	61·9	61·0	60·2	60·0	60·6	59·0	57·8	58·0	58·3	58·6	58·3
8	58·3	57·5	57·5	56·1	56·0	56·1	58·0	58·1	60·6	60·0	61·1	61·4	62·0	62·5	62·7	62·6	62·9	61·5	61·6	60·7	60·4	60·3	60·7	59·3
9	59·9	59·8	60·2	59·8	60·4	60·4	60·6	61·4	61·9	61·5	61·3	62·4	63·0	63·4	62·9	63·6	63·3	61·9	61·6	60·9	60·9	60·6	60·5	60·5
10	61·0	60·7	59·4	57·0	57·3	56·6	56·3	55·3	56·5	57·5	59·0	59·6	58·0	58·4	59·1	58·1	57·9	57·6	57·6	56·1	55·7	55·6	55·0	55·8
11	56·7	57·0	57·6	57·8	57·9	58·1	58·7	58·0	58·8	58·6	59·6	59·0	59·6	58·6	59·7	61·1	60·5	60·6	60·2	60·1	59·7	59·6	58·6	57·8
12	56·3	53·8	54·0	53·9	53·8	54·0	54·1	55·1	55·0	57·0	56·9	57·7	57·2	57·1	57·9	57·7	56·5	55·1	55·6	55·6	55·7	54·8	55·5	56·6
13	55·9	56·6	56·9	58·3	58·8	58·3	60·0	60·3	60·1	60·8	61·2	61·2	62·1	61·9	61·9	62·0	62·2	62·0	62·0	60·3	60·3	59·9	60·0	59·8
14	59·6	59·0	59·5	59·7	59·3	59·2	59·6	59·7	60·7	60·6	62·2	61·9	61·0	60·9	59·2	60·1	59·2	59·2	58·1	56·9	56·4	56·3	56·3	56·0
15	54·4	55·3	56·6	56·8	56·6	56·7	57·0	56·5	58·2	59·8	59·3	58·6	59·6	59·8	57·1	59·3	60·7	59·5	57·7	56·7	56·7	55·4	55·4	55·4
16	55·9	55·9	55·0	54·4	54·0	52·9	53·6	53·2	53·8	53·6	54·4	54·6	55·0	53·9	54·2	53·2	52·7	52·6	53·3	51·7	52·2	52·5	52·8	53·6
17	54·1	53·5	54·0	54·7	54·3	55·4	55·0	56·1	57·2	58·0	59·0	60·3	60·6	60·8	61·3	60·3	59·6	60·0	57·9	59·2	58·4	58·1	59·0	58·4
18	56·0	50·8	56·6	56·2	56·4	57·0	58·6	59·7	59·4	61·9	62·9	62·5	63·3	62·7	62·3	61·8	60·8	60·6	61·6	60·3	58·0	57·7	57·0	55·7
19	54·6	54·2	53·8	54·1	55·6	55·3	55·3	55·7	57·6	57·2	58·1	58·3	60·0	59·9	60·2	59·9	60·6	60·4	59·2	59·1	58·7	58·3	58·5	58·7
20	58·8	59·3	58·7	57·4	57·9	56·8	56·7	57·6	58·6	59·1	60·6	60·5	63·9	60·4	62·0	59·7	59·3	59·0	59·0	58·1	57·2	55·7	55·6	55·3
21	55·7	55·8	55·3	53·3	51·7	52·4	54·4	56·7	58·1	59·0	59·0	60·1	60·5	60·9	62·4	61·0	61·0	60·8	59·4	58·6	58·3	57·9	58·3	58·3
22	58·6	58·8	58·7	57·4	57·6	57·6	57·9	58·2	59·1	59·2	58·5	59·3	57·9	58·4	58·0	57·3	56·2	56·2	56·9	55·9	57·9	57·1	57·6	57·4
23	56·6	55·6	55·2	54·7	54·7	55·6	56·1	56·2	56·8	57·1	57·3	57·1	57·4	57·6	57·3	56·8	55·0	55·7	55·2	54·6	55·0	55·1	55·6	55·5
24	55·6	55·4	55·3	54·9	54·9	54·8	55·0	55·9	56·7	57·6	57·3	57·9	58·5	58·2	58·2	58·7	58·0	57·9	57·4	55·2	53·8	53·6	53·5	53·0
25	54·7	54·7	55·5	56·3	57·0	55·8	57·1	57·6	57·9	58·7	59·9	59·2	59·9	60·1	59·8	59·8	60·0	60·5	60·0	60·1	59·9	60·3	60·1	59·9
26	59·1	59·3	59·6	58·5	57·6	57·4	58·0	59·8	60·4	60·1	60·7	60·8	61·8	61·8	61·7	60·4	61·0	58·0	56·6	54·6	53·7	55·3	55·5	56·2
27	55·7	56·0	56·9	57·2	57·6	58·1	58·4	58·2	59·6	58·9	56·2	59·0	58·9	59·1	61·3	59·4	58·6	57·8	57·7	55·6	54·9	54·7	54·3	55·5
28	55·5	55·1	55·5	55·7	55·8	56·0	58·2	59·0	58·4	59·7	59·4	59·2	59·0	59·5	60·5	60·4	59·6	59·6	59·1	57·8	57·0	57·4	56·6	56·3
29	56·5	55·9	55·9	55·8	56·1	55·3	54·7	54·9	56·1	56·1	56·7	56·7	57·1	57·4	57·0	56·8	57·0	56·7	56·7	56·4	56·4	55·9	55·9	55·4
30	55·4	56·6	56·8	57·0	57·0	57·6	57·9	57·7	58·3	58·0	58·1	58·1	59·6	59·1	59·1	59·1	58·7	58·4	57·5	57·3	57·3	57·1	56·9	56·7
31	56·0	55·9	55·6	56·1	55·4	55·1	55·4	56·0	56·2	56·7	56·2	57·4	57·1	58·1	57·0	56·9	57·6	56·4	55·3	55·7	55·0	54·6	54·4	54·3

*Approximate.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55′N. LONG: 10°18′W. HOURLY VALUES August 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	7	10·5	8	11	9	8·5	9	5·5	4	5·5	7	7·5	8	12	8	16	8	16	8	18	9	16	10	15
2	10	10·5	6	8·5	6	10·5	1	9·5	3	9·5	3	7·5	3	4	5	6·5	6	9·5	8	13	11	18	9	20
3	2	2	30	2	23	1·5	23	2	2	2	9	4	8	4·5	2	11	2	11	5	12	1	14	3	15
4	3	3	4	15	4	7·5	4	9·5	4	7·5	4	5·5	2	8·5	2	11	2	7·5	2	5·5	2	10·5	2	8·5
5	1	6·5	1	2	27	3	25	4·5	1	7·5	1	10·5	1	14	5	20	5	20	5	20	5	19	7	15
6	12	11	12	12	12	11	11	10·5	11	9·5	11	13	12	11	13	13	13	16	13	14	15	15	15	12
7	26	3	26	4	22	11	21	12	23	16	22	4·5	22	14	25	16	23	22	23	21	23	27	24	21
8	25	11	25	11	25	12	26	9·5	26	4·5	26	1·5	26	2	26	2	23	5·5	22	6·5	18	12	18	16
9	13	14	12	16	13	15	15	13	15	18	15	18	14	20	13	22	13	24	13	27	12	26	12	25
10	14	4·5	7	4	29	17	30	15	29	20	28	18	29	17	28	20	28	14	28	16	26	20	26	16
11	21	15	20	12	19	17	18	23	18	27	18	26	18	26	18	28	15	30	17	27	16	33	17	39
12	28	16	28	10·5	28	9·5	28	9·5	28	12	26	14	26	18	24	16	22	16	25	15	24	26	23	27
13	22	21	23	9·5	22	17	20	17	19	14	18	18	1–	22	18	22	18	28	17	24	18	33	18	30
14	24	19	24	19	24	18	25	20	27	11	27	7·5	27	9·5	26	7·5	24	11	23	16	21	16	21	20
15	24	6·5	22	7·5	20	11	20	10·5	21	9·5	18	7·5	24	9·5	23	2	15	5·5	13	3	19	9·5	20	8·5
16	31	10·5	31	13	31	17	32	20	2	17	32	16	32	17	31	17	32	15	*	13	31	17	30	14
17	23	13	22	18	22	22	22	24	24	23	22	22	22	20	22	26	22	25	22	27	22	27	22	33
18	25	6·5	25	6·5	25	4	25	3	25	4	16	6·5	16	9·5	15	7·5	17	4·5	15	9·5	15	14	15	15
19	16	1·5	16	1·5	16	2	16	5·5	10	9·5	10	4	10	6·5	10	3	10	9·5	10	11	10	9·5	10	13
20	11	6·5	12	6·5	14	5·5	17	3	16	6·5	15	4	15	5·5	15	2	15	2	15	2	14	2	13	3
21	26	3	30	5·5	30	2	30	3	3	4	6	2	6	4	7	11	10	19	11	22	11	26	11	27
22	10	35	10	30	9	43	8	43	8	34	9	32	8	36	9	26	9	26	9	23	8	27	8	33
23	7	16	6	13	2	9·5	5	9·5	2	9·5	6	16	5	11	5	15	4	15	4	17	4	23	4	16
24	2	10·5	1	14	2	16	3	14	3	11	3	15	3	13	2	12	4	9·5	3	8·5	1	6·5	30	8·5
25	15	8·5	14	6·5	14	8·5	14	9·5	14	10·5	14	12	14	14	13	14	13	16	13	16	13	22	14	19
26	19	1·5	19	1·5	19	1·5	19	2	19	4	19	3	19	5·5	17	7·5	18	10·5	18	12	18	14	18	14
27	18	16	16	18	15	20	15	24	14	22	14	24	14	28	14	30	13	26	14	21	17	19	16	20
28	27	12	27	7·5	27	7·5	27	7·5	27	5·5	27	5·5	27	4·5	24	8·5	24	10·5	23	11	25	10·5	24	6·5
29	25	1·5	25	1·5	25	5·5	1	4	3	9·5	6	7·5	5	6·5	3	11	3	16	4	18	3	19	3	21
30	32	12	30	10·5	30	12	31	11	31	13	30	14	30	16	31	20	30	13	29	14	29	18	29	17
31	30	17	31	12	30	13	30	15	30	14	29	18	30	19	29	14	29	17	29	17	29	16	28	18

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	12	15	12	8·5	5	5·5	30	7·5	30	9·5	30	9·5	31	1·5	31	2	31	2	10	12	6	6·5	7	8·5
2	10	24	10	16	10	14	9	18	9	18	9	18	29	4	9	6·5	9	4·5	7	7·5	6	4	7	4·5
3	4	17	1	14	1	14	29	12	1	18	2	17	4	13	5	6·5	2	12	3	9·5	3	9·5	2	8·5
4	2	11	1	11	32	10·5	2	3	29	4·5	31	4	31	6·5	31	9·5	32	5·5	1	4	1	1·5	1	4
5	8	12	9	11	10	11	11	12	14	10·5	14	10·5	14	10·5	13	11	13	13	12	17	12	12	12	7·5
6	18	13	21	13	21	11	22	13	21	10·5	23	7·5	26	7·5	26	5·5	26	3	26	2	26	1·5	26	1·5
7	22	24	23	23	24	21	24	22	25	20	25	19	25	15	25	14	24	16	24	14	24	13	25	13
8	18	18	19	16	19	20	18	20	18	16	18	11	15	9·5	15	14	14	12	14	11	14	11	18	16
9	13	26	13	33	14	30	13	32	13	30	12	28	12	24	12	26	12	24	12	20	13	13	13	9·5
10	25	20	25	17	25	19	25	20	25	19	24	18	26	15	26	12	25	7·5	25	7·5	23	14	21	17
11	17	41	15	38	17	44	20	28	21	20	22	20	22	20	22	17	22	17	23	15	27	10·5	29	11
12	23	27	23	25	22	27	23	28	24	28	24	24	23	17	24	16	24	17	24	13	22	20	22	20
13	18	30	18	31	18	24	17	18	17	13	18	15	23	16	23	15	24	18	24	17	24	16	23	14
14	24	20	22	23	26	21	22	16	23	20	23	16	23	14	23	10·5	22	12	24	11	22	8·5	24	9·5
15	23	2	23	6·5	23	7·5	28	8·5	29	10·5	32	7·5	31	9·5	31	7·5	31	7·5	31	7·5	31	6·5	31	6·5
16	30	20	29	20	29	16	29	17	29	16	29	13	30	10·5	28	11	25	9·5	26	10·5	26	8·5	24	9·5
17	21	31	22	27	22	30	22	25	23	20	22	18	23	12	25	11	24	9·5	25	8·5	25	6·5	25	4·5
18	15	14	15	10·5	15	7·5	18	8·5	17	7·5	21	4·5	16	5·5	16	3	16	1·5	16	1·5	16	1·5	16	3
19	13	12	11	14	11	20	12	17	12	18	12	18	12	11	12	9·5	13	5·5	13	3	13	3	12	5·5
20	15	6·5	22	11	22	17	22	13	23	7·5	24	5·5	24	4	24	3	24	1·5	24	1·5	24	16	24	1·5
21	11	27	11	29	11	33	11	31	11	29	11	30	11	34	10	25	10	25	9	25	10	32	9	35
22	8	37	8	42	9	34	7	32	8	31	7	26	9	22	7	16	8	23	8	25	6	17	8	19
23	3	15	4	15	3	16	5	18	5	18	4	12	3	15	3	15	3	8·5	2	8·5	2	11	2	13
24	28	9·5	28	10·5	27	11	29	12	27	12	26	6·5	25	5·5	25	5·5	25	4·5	25	1·5	25	2	25	3
25	13	27	13	26	14	23	14	23	13	23	14	21	14	20	15	20	14	16	13	16	18	4·5	19	1·5
26	18	16	18	17	18	18	17	19	18	20	21	18	22	12	22	11	22	5·5	20	13	18	13	16	15
27	16	24	14	26	15	26	17	34	17	30	16	24	15	25	12	27	7	21	1	13	28	13	28	15
28	27	6·5	25	8·5	25	6·5	26	7·5	25	6·5	25	4	25	1·5	25	1·5	25	2	25	2	25	1·5	25	2
29	2	21	2	22	2	22	2	22	1	16	1	20	1	20	1	20	32	18	1	19	32	15	32	12
30	29	18	28	16	28	14	29	15	29	15	29	16	29	16	30	14	30	14	31	16	30	12	30	17
31	29	18	28	21	28	16	29	16	29	17	30	17	30	12	31	12	30	14	31	8·5	29	11	28	13

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

1 day

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·032	·003	.
4	·001	·001	·001	·001	·001	.	.	.	·028	·002	·003	·005	.	·015	·210	·126	·004	·003	·010	·040	·025	·004	·003	.
5	·002	·029	·087	·050	·143	·002	·002	·001	·001	·001	.	.	.	.	.	.	.	·010	·095	·230	·120	·128	·001	·001
6	·001	·001	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	·100	.	·002	·003	.	.	.	.	.	.	·030	·090	·002	·002	·001	.	.	.	.
8	.	.	·007	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·158
9	·004	–	.	.	.	·002	·002	·007	.	·015	.	.	.	.	·055	·005	.	.	.	.	.	.	.	.
10	.	.	·060	·035	·003	·002	·002	·001	·002	.	–	.	.	.	.	.	.	.	.	.	·008	.	.	.
11	.	.	.	.	.	.	·010	·020	·017	·085	·005	·018	·100	·232	·240	·010	.	·012	.	.	·040	.	·033	·001
12	·001	·001	·001	·001	·001	·002	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·008	.	.
13	·004	·003	·001	·001	·006	·004	.	·005	·020	·030	·011	·015	·007	.	.	.	.	.	·105	·012	–	·008	.	.
14	.	.	·001	·001	·001	·001	·001	·025	.	.	.	·018	.	·005	.	.	.	.	.	.	.	·032	.	.
15	.	.	.	.	·140	·005	.	·095	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	·003	·003	·003	·002	·002	·002	.	·017	·013	.	.	·030	.	.	.	.	.	.	.	·002	·018	.	.
17	.	.	·008	·015	·009	·003	.	.	.	.	.	.	.	.	.	.	.	.	.	·070	·010	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	·030	·017	·023	·030	·047	·050	·060	·042	·013	·025	·010	:	.	.	.	.	.	.	.	.	.	.	.	.
21	·005	·002	·002	·002	·002	·002	.	.	.	.	.	.	.	.	.	.	·050	.	.	.	.	.	.	.
22	.	·010	·065	·065	·072	·130	·073	·012	·003	·002	·016	.	.	·015	·002	·003	·045	·017	·033	.	.	.	.	·005
23	·001	·001	·001	·001	·001	.	.	.	·007	.	.	.	.	.	.	.	.	.	.	.	·030	·020	.	·005
24	·002	·002	·002	·002	·002	·001	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	·001	·002	·003	·002	·002	.	·015	.	·015	·010	·015	·050	·007	·023	·102	·038	·230	·065	·003
26	·002	·002	·002	·004	·002	·002	·001	.	.	.	.	.	.	.	.	.	·018	.	.	.	.	.	·007	.
27	·005	·003	.	.	.	·017	·003	·139	·004	.	.	.	.	·313	.	.	.	.	·015	·005	·135	·003	.	.
28	.	.	.	.	.	.	·003	·009	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	·030	·060	·037	·008	·035	·008	·005	·025	·020	·048	·002	·030	.	.	.	.	·010	.	.
30	.	.	.	·028	·082	·065	·015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	·003	·002	·003	·001	·001	.	.	.	.	.	.	.	.	.	.	·008	.	·004	.	.	.	·006	.	.
173	·061	·044*	·268	·243	·517	·423	·236	·399	·126	·211	·053	·076	·162	·302	·565	·199	·287	·055	·268	·455	·273	·496	·112	·173
4	9	10*	12	12	13	15	11	11	12	8	6	6	4	6	5	7	7	6	5	5	7	11	5	4

*Record defective or Instrument out of action. * Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	[illegible]	·416	·417	·421	·416	·429	·433	·435	·466	·463	·465	·480	·509	·504	·516	·497	·497	·505	·524	·488	·490	·457	·432	·403
2	[illegible]	·367	·393	·376	·384	·389	·405	·397	·445	·394	·464	·446	·462	·431	·449	·428	·389	·386	·443	·445	·431	·431	·419	·411
3	[illegible]	·402	·418	·407	·398	·395	·403	·446	·414	·411	·460	·467	·483	·476	·483	·492	·491	·481	·487	·490	·512	·497	·467	·444
4	[illegible]	·438	·432	·426	·418	·425	·419	·442	·480	·481	·494	·517	·498	·503	·530	·531	·516	·513	·514	·513	·520	·517	·514	·510
5	[illegible]	·524	·625	·527	·527	·526	·526	·509	·509	·492	·480	·485	·476	·494	·497	·503	·543	·534	·526	·519	·506	·488	·495	·485
6	[illegible]	·481	·482	·479	·483	·485	·490	·504	·517	·507	·506	·521	·510	·511	·485	·480	·502	·507	·485	·470	·450	·451	·466	·463
7	[illegible]	·451	·468	·462	·475	·441	·467	·450	·470	·468	·467	·473	·475	·503	·479	·483	·475	·493	·448	·429	·439	·447	·458	·447
8	[illegible]	·434	·444	·411	·415	·420	·457	·430	·483	·469	·476	·473	·482	·498	·492	·482	·485	·488	·497	·487	·487	·491	·502	·485
9	[illegible]	·493	·497	·487	·495	·495	·497	·511	·513	·515	·510	·527	·528	·529	·535	·541	·522	·494	·507	·496	·517	·504	·498	·504
10	[illegible]	·509	·483	·441	·431	·416	·404	·373	·389	·417	·443	·459	·422	·422	·425	·418	·412	·420	·420	·410	·403	·412	·388	·397
11	[illegible]	·424	·440	·441	·443	·445	·469	·454	·476	·468	·474	·466	·491	·478	·498	·521	·496	·506	·496	·495	·498	·492	·477	·453
12	[illegible]	·365	·373	·365	·364	·366	·361	·368	·377	·411	·392	·421	·393	·388	·407	·403	·375	·362	·389	·409	·397	·399	·392	·420
13	[illegible]	·432	·475	·458	·481	·471	·503	·505	·503	·520	·529	·530	·550	·545	·543	·546	·549	·550	·553	·508	·513	·497	·498	·494
14	[illegible]	·470	·485	·486	·494	·482	·487	·498	·506	·490	·531	·530	·493	·496	·459	·487	·453	·449	·437	·425	·416	·413	·426	·420
15	[illegible]	·414	·436	·440	·436	·448	·441	·444	·468	·487	·456	·457	·475	·456	·382	·445	·482	·450	·426	·415	·425	·400	·404	·403
16	[illegible]	·414	·393	·379	·371	·342	·358	·340	·379	·362	·368	·363	·375	·335	·339	·327	·320	·321	·350	·323	·336	·360	·357	·381
17	[illegible]	·360	·371	·405	·381	·414	·385	·396	·421	·439	·456	·469	·490	·492	·492	·474	·466	·487	·436	·487	·469	·462	·482	·469
18	[illegible]	·449	·449	·448	·447	·471	·484	·495	·471	·506	·520	·510	·518	·480	·470	·471	·459	·453	·486	·480	·457	·460	·452	·431
19	[illegible]	·414	·407	·404	·412	·413	·395	·405	·424	·401	·414	·415	·457	·461	·456	·457	·473	·455	·457	·466	·462	·457	·468	·467
20	[illegible]	·493	·478	·454	·469	·453	·449	·468	·480	·483	·507	·490	·549	·476	·504	·484	·457	·464	·467	·460	·454	·431	·434	·428
21	[illegible]	·437	·425	·394	·370	·379	·407	·430	·438	·441	·441	·456	·459	·464	·493	·467	·500	·482	·454	·439	·435	·425	·428	·427
22	[illegible]	·456	·467	·435	·444	·452	·456	·465	·470	·470	·451	·447	·435	·433	·427	·427	·420	·419	·438	·429	·450	·429	·438	·440
23	[illegible]	·416	·401	·405	·395	·420	·428	·431	·438	·427	·439	·426	·439	·438	·437	·427	·413	·410	·400	·394	·416	·417	·428	·430
24	[illegible]	·418	·417	·410	·410	·407	·408	·418	·420	·424	·417	·423	·433	·425	·419	·438	·415	·418	·432	·405	·387	·391	·395	·387
25	[illegible]	·416	·426	·439	·450	·446	·445	·455	·456	·471	·481	·478	·475	·496	·496	·498	·507	·514	·505	·509	·510	·519	·512	·510
26	[illegible]	·498	·507	·478	·461	·462	·466	·495	·497	·486	·493	·489	·514	·491	·493	·476	·506	·440	·406	·371	·379	·409	·408	·414
27	[illegible]	·414	·427	·433	·441	·457	·466	·465	·492	·463	·427	·457	·457	·462	·485	·451	·431	·434	·431	·422	·419	·411	·386	·404
28	[illegible]	·403	·415	·419	·420	·430	·473	·473	·456	·468	·462	·456	·444	·434	·460	·463	·448	·459	·465	·450	·442	·454	·443	·439
29	[illegible]	·427	·428	·416	·418	·415	·403	·409	·425	·427	·427	·423	·442	·450	·441	·435	·435	·429	·426	·426	·425	·410	·405	·401
30	[illegible]	·434	·432	·442	·445	·457	·456	·448	·453	·445	·434	·436	·462	·444	·447	·447	·438	·436	·432	·427	·436	·427	·424	·419
31	[illegible]	·405	·395	·406	·391	·386	·394	·411	·417	·417	·403	·422	·439	·435	·428	·442	·441	·433	·400	·414	·403	·400	·387	·386
									14153															

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG. 6°39′ W — HOURLY VALUES August 1878.

BAROMETER. CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	30·158	30·150	30·142	30·138	30·143	30·142	30·144	30·129	30·123	30·109	30·104	30·095	30·074	30·060	30·044	30·029	30·025	30·017	30·005	30·001	29·995	29·994	30·001	30·001
2	29·993	29·985	29·974	29·961	29·960	29·958	29·962	29·951	29·943	29·931	29·917	29·904	29·899	29·890	29·884	29·867	29·871	29·872	29·865	29·869	·876	·872	29·871	29·869
3	·867	·854	·845	·856	·849	·839	·825	·830	·814	·802	·805	·790	·761	·743	·742	·737	·744	·736	·742	·746	·749	·751	·750	·746
4	·737	·726	·714	·713	·701	·693	·699	·702	·696	·685	·671	·665	·670	·651	·635	·624	·612	·607	·608	·612	·613	·609	·607	·601
5	·605	·596	·596	·598	·590	·582	·587	·588	·586	·583	·585	·588	·595	·585	·589	·581	·570	·571	·586	·597	·601	·590	·586	·583
6	·571	·560	·556	·543	·535	·537	·543	·535	·525	·516	·521	·502	·492	·488	·473	·450	·439	·431	·441	·446	·444	·443	·441	·435
7	·438	·433	·429	·433	·434	·429	·432	·441	·449	·451	·450	·450	·445	·441	·450	·441	·445	·457	·463	·480	·515	·533	·550	·564
8	·572	·584	·600	·607	·620	·643	·666	·692	·711	·725	·763	·795	·802	·819	·824	·833	·848	·853	·862	·872	·879	·880	·879	·870
9	·866	·857	·846	·839	·827	·829	·831	·828	·821	·810	·804	·786	·764	·745	·729	·702	·686	·670	·658	·651	·643	·620	·611	·585
10	·563	·534	·498	·482	·467	·450	·441	·439	·442	·443	·457	·448	·456	·453	·461	·461	·467	·481	·499	·514	·528	·532	·535	·533
11	·529	·519	·514	·500	·495	·489	·481	·471	·461	·443	·428	·407	·383	·346	·311	·265	·234	·207	·170	·140	·121	·101	·097	·096
12	·096	·131	·145	·159	·170	·184	·195	·207	·208	·215	·223	·225	·224	·203	·197	·182	·176	·171	·170	·184	·191	·198	·201	·198
13	·211	·215	·225	·224	·226	·234	·247	·258	·257	·257	·240	·242	·237	·233	·209	·188	·175	·144	·130	·108	·097	·083	·059	·054
14	·048	·038	·040	·049	·066	·099	·124	·156	·176	·199	·224	·241	·248	·262	·275	·277	·284	·292	·297	·300	·308	·299	·302	·290
15	·285	·281	·273	·262	·262	·273	·271	·272	·274	·272	·271	·269	·264	·248	·241	·231	·221	·219	·228	·233	·232	·229	·229	·227
16	·219	·212	·217	·208	·213	·214	·233	·240	·246	·249	·261	·276	·292	·312	·323	·334	·345	·361	·384	·422	·435	·451	·451	·462
17	·465	·468	·469	·464	·464	·460	·455	·445	·431	·403	·412	·414	·431	·455	·477	·498	·516	·547	·569	·595	·612	·636	·648	·664
18	·677	·693	·705	·710	·729	·737	·756	·769	·779	·785	·791	·794	·797	·805	·799	·801	·795	·804	·799	·808	·811	·809	·804	·805
19	·797	·791	·775	·767	·760	·764	·759	·755	·749	·741	·737	·727	·721	·712	·709	·704	·696	·687	·692	·699	·704	·705	·704	·696
20	·687	·676	·667	·661	·661	·664	·669	·681	·687	·701	·715	·714	·715	·720	·727	·721	·724	·723	·732	·748	·757	·763	·770	·767
21	·766	·764	·753	·749	·750	·751	·757	·759	·761	·759	·757	·752	·757	·748	·746	·730	·732	·728	·733	·741	·747	·745	·751	·746
22	·734	·723	·715	·714	·710	·717	·716	·714	·714	·719	·709	·703	·712	·701	·675	·664	·647	·641	·637	·642	·647	·628	·623	·619
23	·597	·591	·575	·556	·552	·543	·539	·538	·540	·536	·526	·512	·508	·502	·494	·485	·483	·486	·483	·499	·499	·501	·494	·492
24	·481	·465	·453	·450	·442	·441	·436	·426	·425	·419	·415	·404	·392	·386	·363	·359	·359	·351	·345	·349	·338	·319	·315	·299
25	·289	·286	·279	·273	·264	·261	·263	·264	·270	·266	·267	·260	·253	·245	·238	·239	·235	·241	·243	·245	·247	·243	·246	·245
26	·239	·243	·239	·239	·242	·243	·250	·256	·250	·257	†·258	†·256	†·250	†·246	†·247	†·243	†·241	·252	·252	·257	·262	·265	·264	·266
27	·263	·263	·265	·266	·270	·278	·291	·303	·312	·313	·313	·305	·303	·295	·277	·274	·267	·273	·270	·273	·292	·275	·289	·303
28	·302	·308	·319	·327	·337	·362	·380	·397	·419	·437	·454	·456	·462	·470	·471	·480	·492	·498	·507	·524	·531	·539	·543	·532
29	·518	·511	·497	·481	·475	·467	·463	·455	·449	·436	·423	·410	·379	·361	·333	·317	·296	·281	·262	·261	·250	·249	·233	·215
30	·203	·196	·191	·194	·192	·201	·207	·207	·221	·222	·247	·252	·275	·283	·304	·316	·323	·338	·351	·367	·375	·384	·398	·412
31	29·423	29·434	29·436	29·447	29·457	29·472	29·497	29·504	29·529	29·548	29·560	29·576	29·607	29·620	29·635	29·643	29·674	29·695	29·710	29·735	29·747	29·762	29·768	29·773

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	52·9	51·8	50·6	49·8	49·0	49·0	51·7	55·8	61·9	65·0	68·1	69·3	71·0	70·9	71·9	70·9	70·2	69·4	67·7	64·7	63·7	63·3	62·6	59·6
2	57·9	56·8	55·9	54·8	53·8	54·0	54·9	56·0	59·0	62·1	64·5	66·1	67·4	67·0	67·6	67·5	65·6	65·4	64·5	62·8	62·1	60·1	58·9	57·6
3	56·9	55·3	55·1	54·2	54·2	55·3	56·4	59·0	62·0	63·8	64·4	64·2	67·4	68·3	68·7	68·5	65·0	59·7	60·0	60·0	60·0	59·3	59·0	58·9
4	58·8	58·9	58·3	58·9	58·9	59·0	59·4	60·3	61·3	62·6	65·2	66·9	68·1	68·2	69·5	66·9	69·4	58·8	65·2	64·0	63·3	62·4	61·0	61·8
5	61·0	60·0	59·1	59·8	59·4	58·9	60·0	60·0	60·6	60·0	60·1	58·6	58·7	60·6	60·1	59·3	59·8	60·6	61·0	61·0	59·8	59·1	59·1	58·0
6	58·1	57·8	56·7	56·6	58·0	58·8	58·8	59·2	61·4	61·0	62·5	64·8	65·1	65·5	66·2	64·3	63·6	63·5	62·1	60·9	59·2	58·1	57·7	56·7
7	55·9	56·0	56·8	56·9	56·9	57·4	59·2	60·0	61·3	65·0	67·9	68·2	70·3	63·5	64·3	65·8	64·6	64·3	63·2	62·5	59·6	58·4	57·5	57·7
8	57·9	58·0	57·8	57·2	56·8	57·5	59·1	60·7	62·6	62·2	60·5	60·3	64·3	66·8	67·0	66·9	64·0	63·6	62·9	62·0	59·2	56·0	58·9	59·3
9	59·7	59·4	58·1	56·9	59·0	59·0	59·1	61·1	64·9	66·6	65·2	64·1	64·7	65·2	63·3	64·9	63·8	63·0	62·0	61·6	60·3	60·7	60·5	60·1
10	59·9	59·9	59·5	59·4	59·2	59·2	59·2	59·7	59·9	60·6	61·9	63·0	64·2	65·0	65·9	65·3	64·7	63·0	61·0	58·3	56·4	54·9	54·6	53·5
11	53·0	52·8	52·0	51·7	51·6	53·0	55·6	57·2	60·3	60·9	62·5	61·7	61·9	61·2	63·3	63·1	60·2	59·3	58·7	58·0	57·9	57·8	58·7	58·9
12	58·9	56·7	54·7	53·2	52·1	52·3	53·9	56·0	58·9	61·7	62·9	60·2	59·7	60·0	64·0	62·1	62·0	60·4	56·7	57·3	57·0	56·2	56·6	56·7
13	56·8	56·0	56·1	56·2	56·0	55·3	56·2	57·0	60·1	60·8	64·0	64·5	62·2	60·8	61·0	59·5	59·2	58·9	58·4	58·5	58·6	59·0	59·1	58·9
14	58·8	59·0	58·6	57·9	56·9	56·7	56·9	57·5	58·7	61·1	61·1	62·3	63·0	64·2	64·7	65·0	64·1	63·2	61·7	60·7	60·0	59·2	59·2	58·7
15	58·0	58·9	58·2	57·3	57·0	57·4	57·9	58·9	58·6	60·7	61·7	65·4	65·7	66·9	65·9	64·1	63·5	62·4	61·1	59·4	58·7	57·2	57·0	56·7
16	56·0	55·0	55·6	55·7	55·6	54·9	54·7	54·5	55·1	55·8	56·8	56·4	56·4	56·8	56·5	55·9	56·0	55·9	54·9	53·1	51·9	50·0	49·0	48·3
17	49·4	48·1	49·0	49·3	50·1	50·8	52·2	53·6	53·9	54·7	56·9	60·0	62·4	65·5	65·1	63·9	65·5	61·9	60·1	59·0	58·6	58·5	58·2	57·9
18	57·9	57·7	57·7	57·4	57·0	57·3	58·1	59·4	61·1	64·0	64·6	64·7	66·9	65·9	66·7	65·0	63·2	63·6	62·0	59·8	59·0	59·1	58·3	57·8
19	57·1	55·3	53·9	52·4	52·0	51·5	55·0	56·0	58·5	61·9	63·7	63·8	64·2	66·2	65·4	65·0	65·3	64·2	63·2	59·2	57·7	56·1	54·9	54·5
20	53·1	52·6	52·2	52·1	52·5	52·8	55·4	56·9	58·8	59·6	59·2	59·1	59·8	60·0	60·0	61·4	61·6	61·0	60·2	59·0	58·6	58·9	58·4	58·6
21	57·7	57·4	...	...	*	...	...	60·0	63·0	63·0	*	†65·7	65·9	65·7	66·0	65·2	64·4	63·2	61·4	60·0	59·0	57·2	56·6	56·9
22	55·1	54·6	55·4	54·4	53·0	†54·3	56·2	*	*	†63·0	†64·5	†64·8	†56·2	†64·8	†65·0	†64·1	†62·8	†61·7	60·7	59·1	58·8	59·6	58·9	58·0
23	57·2	56·3	55·9	54·2	53·4	54·2	54·6	54·9	55·4	56·1	56·5	57·5	57·8	57·7	56·2	†57·3	†56·4	56·7	56·8	56·8	56·7	55·9	55·8	54·8
24	54·2	54·0	54·2	53·3	53·3	53·6	54·6	55·9	57·0	58·9	60·9	61·9	62·0	62·8	61·7	59·3	55·9	55·7	56·0	55·4	53·9	54·0	54·2	54·2
25	54·1	54·1	54·0	54·0	53·9	53·9	54·0	55·0	56·2	57·0	59·8	61·4	62·7	63·5	66·3	64·1	64·2	62·6	61·0	60·8	59·4	60·7	59·1	59·0
26	58·8	57·3	58·2	57·0	58·6	58·6	58·9	60·9	62·3	62·9	62·0	62·1	64·2	64·5	64·2	65·7	64·5	63·0	62·0	61·4	60·9	61·1	60·9	60·8
27	60·9	60·7	59·9	59·3	58·4	57·2	58·8	59·0	59·6	60·9	63·0	66·5	67·3	65·8	64·6	65·5	63·5	62·0	59·8	59·0	56·0	55·0	55·6	55·3
28	54·7	53·9	54·2	53·1	52·0	51·7	53·9	55·8	59·0	61·6	63·2	63·1	64·9	65·5	65·6	64·4	64·6	62·8	62·1	61·2	60·4	59·1	58·6	56·9
29	56·7	55·3	55·1	54·3	54·7	54·9	55·6	56·4	57·2	58·9	59·6	59·8	59·7	58·8	59·0	59·8	60·0	58·9	57·6	56·9	56·6	56·7	56·0	55·9
30	55·7	55·3	54·7	54·3	54·3	54·3	54·4	55·0	55·6	56·4	56·1	56·0	55·9	56·3	56·9	57·7	57·0	57·2	57·0	56·9	56·4	56·4	56·6	56·7
31	56·5	56·2	56·0	56·0	56·0	55·9	55·9	56·2	56·7	57·0	58·1	59·6	58·4	58·5	58·9	58·3	57·9	57·0	55·8	55·9	55·1	55·0	54·5	54·3

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	51·9	50·9	49·9	49·0	48·0	47·9	50·5	54·4	58·6	60·8	61·5	62·1	62·9	62·0	60·4	59·3	59·9	59·9	61·0	60·4	60·0	59·1	58·9	56·9
2	54·7	54·9	54·3	53·8	52·3	52·8	53·1	53·8	55·2	56·9	58·6	59·0	59·4	59·2	60·7	60·9	60·2	60·5	60·2	59·7	59·1	57·8	56·1	55·1
3	54·5	54·2	53·8	53·2	53·1	53·9	54·8	55·9	57·6	58·8	59·1	59·5	61·1	61·5	61·9	60·9	69·2	58·3	57·9	57·6	57·5	57·2	57·1	57·1
4	57·2	57·3	57·2	57·1	57·7	57·8	57·9	58·5	59·3	60·7	61·1	62·2	63·2	63·0	63·9	63·4	64·2	63·5	62·8	61·3	60·4	60·1	59·9	59·9
5	59·3	58·2	57·8	58·0	57·7	57·1	58·0	58·0	58·1	58·2	57·9	58·0	57·7	58·9	57·9	58·2	58·4	59·3	59·7	59·4	58·2	57·9	57·4	57·0
6	57·0	57·0	56·1	56·2	57·4	57·9	57·2	57·7	59·1	59·0	60·0	61·0	61·4	61·1	61·9	60·9	61·0	60·9	60·3	59·8	58·5	57·7	57·2	56·6
7	55·8	55·7	56·8	56·8	56·7	57·1	58·9	59·8	60·1	61·3	62·2	61·5	62·0	60·9	61·2	61·3	60·2	60·1	59·9	59·7	57·8	56·9	56·3	56·9
8	57·2	57·3	57·0	56·5	56·1	57·0	58·6	59·5	60·9	60·9	59·6	58·3	59·4	59·9	59·9	57·4	58·1	58·4	58·9	58·2	56·6	55·3	55·9	56·0
9	56·3	55·6	55·1	54·8	56·1	56·2	57·0	57·9	59·8	59·0	59·9	59·7	60·3	59·4	59·5	60·3	59·9	59·9	58·9	58·0	57·7	57·9	57·6	57·3
10	57·8	58·1	57·7	57·5	57·4	57·7	58·1	58·7	59·2	60·1	60·9	61·2	60·9	60·9	58·9	57·0	57·3	55·9	55·0	54·8	53·6	52·9	52·6	51·8
11	51·2	51·1	51·0	50·5	50·4	51·9	54·4	55·7	57·3	57·5	57·9	56·8	57·1	57·2	58·0	58·0	59·0	58·2	57·2	57·0	57·0	57·3	57·9	58·0
12	58·2	55·6	53·7	52·0	50·9	51·1	52·4	54·0	55·0	56·8	56·5	56·3	58·2	57·7	57·9	56·9	56·1	55·9	55·1	54·7	54·7	54·3	54·0	54·0
13	54·0	54·0	54·0	53·9	53·6	53·1	54·2	54·7	56·3	56·4	58·9	59·4	58·9	59·0	59·8	58·4	58·9	58·1	58·0	58·1	58·2	58·9	59·0	58·7
14	58·6	58·9	58·4	57·8	56·5	56·3	56·5	57·0	57·9	58·3	58·1	58·2	58·6	59·1	59·2	59·6	58·1	58·0	57·9	57·7	57·5	56·9	56·2	56·9
15	57·6	58·3	58·0	56·9	56·7	56·7	57·0	57·2	56·9	57·9	57·7	59·7	59·0	59·0	58·6	58·9	59·2	58·9	57·3	56·7	56·2	56·1	56·1	55·7
16	54·9	54·0	54·4	54·6	54·5	53·9	53·9	54·0	54·8	54·9	55·3	55·0	55·0	55·0	55·0	53·3	52·4	52·7	51·6	50·8	50·0	48·9	48·0	47·2
17	48·0	47·3	47·9	48·2	48·9	49·9	51·4	52·6	53·2	54·2	56·8	59·9	60·2	60·3	58·8	58·1	58·2	58·2	58·1	58·1	57·0	57·7	57·4	57·0
18	57·1	57·0	57·1	57·0	56·7	57·0	57·6	58·4	59·6	61·0	60·6	59·9	59·6	60·5	59·2	58·3	59·3	58·4	58·2	57·2	57·4	57·2	56·3	56·2
19	55·8	54·8	53·0	52·0	51·6	51·0	55·0	55·7	57·3	58·2	59·5	59·4	59·0	59·1	58·7	58·5	58·5	59·0	58·7	56·9	55·9	55·0	54·0	53·6
20	52·7	52·0	51·9	51·8	52·0	52·3	55·0	56·4	57·9	57·9	57·6	57·3	58·0	58·3	58·7	59·0	58·9	58·9	58·9	58·0	57·6	57·4	57·3	57·1
21	56·8	56·2	...	...	*	...	...	58·0	59·9	59·1	*	†58·3	58·2	57·4	59·0	58·0	57·8	57·0	56·3	56·1	56·1	55·8	55·5	55·7
22	54·5	53·9	54·2	53·2	52·5	53·8	54·4	*	*	†55·3	†58·2	†58·1	†57·3	†56·6	†55·3	†54·9	55·1	†54·6	55·1	55·1	55·0	54·8	54·9	55·0
23	54·3	54·1	53·0	52·4	51·8	52·0	52·7	52·9	53·0	53·7	54·2	53·7	53·5	53·4	53·6	†53·8	53·5	54·0	54·0	53·7	53·2	53·0	53·0	52·9
24	52·9	53·0	52·9	52·1	52·4	52·9	53·0	54·1	54·9	55·9	56·5	57·0	57·0	57·1	56·6	55·9	54·2	54·2	53·8	52·9	53·1	53·2	53·8	53·9
25	53·8	53·9	53·3	53·5	53·1	53·0	53·2	54·2	55·0	55·1	56·9	57·7	58·1	58·2	58·0	57·0	57·4	57·9	56·9	56·7	56·2	56·7	56·8	56·9
26	56·8	56·2	56·2	55·9	56·6	56·4	56·9	58·0	58·9	59·4	59·6	60·0	60·4	60·3	61·0	61·6	60·8	60·3	59·7	59·8	59·5	54·9	59·3	59·2
27	59·2	58·9	58·0	57·9	57·0	56·4	57·2	56·9	57·6	57·6	58·0	59·1	59·3	58·7	59·1	59·0	59·0	59·0	58·3	58·0	54·9	54·0	54·6	54·5
28	54·0	53·3	53·4	52·7	51·5	50·9	53·0	55·0	57·4	59·0	59·9	60·0	60·0	60·1	61·0	60·0	60·1	59·1	58·9	58·9	58·2	57·8	57·6	55·9
29	55·3	54·3	54·6	53·6	54·1	54·3	55·0	55·9	56·6	57·6	57·9	58·0	58·8	57·5	58·0	57·1	57·0	56·7	57·1	56·7	56·4	56·0	55·8	55·9
30	55·3	55·0	54·2	54·0	54·0	54·1	54·1	54·8	55·0	55·7	55·8	55·7	55·8	55·9	56·4	56·4	56·4	56·8	56·6	56·2	56·0	56·0	56·1	56·2
31	56·0	55·9	55·3	55·1	55·2	54·7	54·6	54·9	55·4	55·4	56·1	57·0	56·5	55·9	56·1	55·8	54·9	54·3	52·9	52·9	52·9	52·4	51·6	51·2

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT 54°.21′ N. LONG: 6°.39′ W. HOURLY VALUES August 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V
1	14	2	14	2	15	1·5	15	2	15	2	15	1·5	15	2	14	3
2	5	4·5	5	8·5	6	8·5	6	10·5	5	7·5	6	9·5	6	9·5	6	9·5
3	5	10·5	4	12	6	13	4	6·5	5	7·5	3	8·5	4	10·5	4	11
4	4	7·5	4	9·5	3	7·5	3	10·5	3	10·5	4	11	4	11	4	11
5	5	7·5	5	8·5	5	9·5	5	6·5	5	6·5	6	11	7	12	5	11
6	11	7·5	10	5·5	10	3	10	4·5	8	6·5	8	8·5	8	6·5	7	7·5
7	8	2	8	1·5	8	2	8	2	8	1·5	8	3	16	4	18	4·5
8	20	8·5	20	10·5	20	8·5	20	9·5	20	7·5	20	7·5	20	7·5	20	7·5
9	19	5·5	18	6·5	18	3	18	5·5	16	6·5	17	8·5	17	7·5	16	9·5
10	14	10·5	13	13	13	12	14	13	15	11	14	12	12	12	13	8·5
11	20	7·5	20	8·5	20	6·5	19	7·5	19	6·5	18	5·5	18	8·5	18	7·5
12	20	11	25	9·5	22	6·5	21	6·5	21	6·5	20	10·5	20	12	20	12
13	21	16	21	14	20	16	21	12	20	12	20	12	21	12	20	12
14	6	1·5	6	2	6	3	4	4	2	5·5	1	4·5	1	4·5	1	4·5
15	18	3	18	4·5	19	7·5	20	7·5	21	5·5	21	4	21	6·5	20	9·5
16	20	3	20	2	20	3	20	2	23	4·5	26	5·5	28	7·5	28	4·5
17	23	7·5	22	6·5	22	5·5	21	7·5	21	8·5	20	8·5	18	9·5	18	10·5
18	20	9·5	20	7·5	20	8·5	20	9·5	26	7·5	20	7·5	20	7·5	20	7·5
19	9	4	9	4·5	9	4	9	2	9	2	9	4	9	4·5	7	4·5
20	12	3	12	3	12	3	12	2	12	3	12	4·5	9	4	9	5·5
21	12	4·5	12	4·5	11	6·5	11	4·5	11	8·5	11	7·5	11	7·5	12	10·5
22	7	4	7	4·5	8	9·5	8	4	8	7·5	8	6·5	8	7·5	8	8·5
23	6	11	6	11	6	12	5	11	5	9·5	6	10·5	6	10·5	6	10·5
24	4	6·5	4	4·5	3	5·5	2	5·5	2	4·5	2	7·5	3	7·5	2	6·5
25	32	4	32	4	27	4	23	5·5	23	2	23	4	22	4·5	22	4·5
26	15	4	16	4	16	4·5	16	3	16	4·5	16	4·5	16	3	16	5·5
27	15	8·5	15	7·5	17	7·5	19	7·5	18	5·5	18	4	18	4·5	18	4·5
28	17	2	17	2	17	1·5	17	3	17	3	17	3	17	3	17	4
29	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
30	1	9·5	1	7·5	32	7·5	31	8·5	31	6·5	31	6·5	31	7·5	31	7·5
31	28	6·5	28	6·5	28	6·5	27	5·5	27	6·5	29	8·5	28	6·5	27	9·5

DAYS	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V
1	6	4	5	4·5	11	5·5	11	5·5	13	5·5	8	6·5	11	7·5	9	7·5
2	7	13	7	11	6	15	7	15	6	15	6	11	6	10·5	6	12
3	3	13	5	12	3	12	3	11	3	12	3	15	3	15	3	14
4	4	9·5	5	10·5	6	16	5	16	6	16	5	15	6	14	6	14
5	9	11	8	13	9	13	11	10·5	11	9·5	10	12	13	17	11	13
6	10	7·5	8	6·5	9	11	7	8·5	8	10·5	7	9·5	8	8·5	7	6·5
7	20	6·5	19	7·5	20	9·5	20	9·5	19	10·5	17	8·5	18	8·5	19	5·5
8	20	7·5	20	8·5	27	7·5	24	5·5	26	6·5	26	7·5	27	6·5	25	7·5
9	17	12	15	13	14	15	14	13	14	14	14	16	14	17	15	15
10	14	4	14	4·5	27	5·5	28	7·5	27	8·5	27	9·5	27	8·5	25	10·5
11	18	10·5	17	11	17	14	16	13	15	14	15	15	15	17	15	17
12	21	12	21	14	21	16	23	8·5	23	7·5	20	14	20	16	20	20
13	21	14	20	13	21	15	20	13	20	10·5	20	8·5	20	4·5	20	3
14	32	4·5	30	4·5	28	5·5	23	6·5	26	6·5	25	6·5	26	6·5	27	6·5
15	21	9·5	21	9·5	21	8·5	21	9·5	20	10·5	21	8·5	21	6·5	27	3
16	28	4·5	28	7·5	28	8·5	29	7·5	29	7·5	30	8·5	30	7·5	29	9·5
17	17	11	17	15	20	14	20	14	21	14	23	13	23	13	24	11
18	21	7·5	22	7·5	26	5·5	27	6·5	26	5·5	26	4·5	26	4	28	4
19	7	4·5	5	6·5	5	7·5	3	7·5	5	7·5	6	7·5	6	7·5	8	5·5
20	10	8·5	11	8·5	11	10·5	11	8·5	10	8·5	11	6·5	11	5·5	13	8·5
21	13	9·5	13	11	13	14	14	16	13	16	13	16	13	14	13	15
22	10	10·5	12	13	10	14	10	15	10	18	9	17	9	15	9	18
23	5	11	4	9·5	4	13	5	16	6	14	6	15	5	15	5	16
24	2,	8·5	3	8·5	3	10·5	2	9·5	3	9·5	3	10·5	3	9·5	2	7·5
25	22	4	22	4	22	4	22	3	22	4	21	4	17	6·5	20	5·5
26	16	6·5	15	7·5	16	7·5	15	7·5	15	9·5	15	6·5	13	6·5	13	11
27	19	5·5	20	5·5	20	6·5	21	5·5	17	5·5	17	5·5	11	12	14	13
28	19	4	19	4	...	...	*	*	...	...	...	...	...	...	...	...
29	...	...	...	...	5	7·5	4	8·5	4	7·5	5	8·5	3	8·5	5	11
30	31	8·5	31	8·5	30	10·5	30	7·5	30	9·5	31	6·5	31	7·5	31	7·5
31	27	8·5	29	7·5	30	9·5	29	10·5	28	8·5	29	7·5	27	8·5	30	7·5

DAYS	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	9	8·5	10	5·5	10	4	10	3	8	5·5	8	6·5	8	6·5	6	6·5
2	7	9·5	6	8·5	7	4·5	7	5·5	6	11	4	11	6	12	4	11
3	4	15	4	12	4	13	3	8·5	3	9·5	3	9·5	4	9·5	4	10·5
4	5	17	5	12	4	11	4	10·5	4	12	4	8·5	4	10·5	6	11
5	10	8·5	11	6·5	11	5·5	11	7·5	11	6·5	11	8·5	12	7·5	10	8·5
6	6	5·5	8	5·5	7	4	7	4	7	2	7	2	7	3	8	3
7	20	8·5	19	7·5	19	7·5	21	7·5	21	6·5	21	7·5	20	8·5	20	8·5
8	26	4·5	26	3	26	3	26	3	26	3	26	4	23	3	21	5·5
9	14	19	13	14	14	16	14	15	13	13	13	13	14	14	14	13
10	26	10·5	25	8·5	26	7·5	25	5·5	24	4·5	24	5·5	23	6·5	22	7·5
11	16	14	16	18	16	19	16	19	15	16	16	11	18	10·5	19	11
12	20	19	21	18	20	19	20	18	20	17	20	16	19	16	20	18
13	20	3	16	7·5	6	5·5	6	4·5	6	4	6	3	6	3	6	2
14	27	4·5	27	5·5	27	3	27	3	27	2	27	3	18	4·5	18	4
15	27	4	27	3	23	4	19	4·5	19	4·5	19	3	20	3	20	3
16	30	10·5	30	10·5	29	7·5	28	7·5	28	5·5	28	4·5	25	4·5	25	5·5
17	24	8·5	23	9·5	22	8·5	21	8·5	22	9·5	21	9·5	22	7·5	21	10·5
18	28	2	4	4·5	4	4	4	4·5	7	6·5	9	6·5	9	5·5	9	3
19	8	5·5	12	6·5	12	4·5	12	4·5	12	4	12	3	12	2	12	3
20	13	8·5	13	7·5	12	6·5	12	3	12	4	12	5·5	12	4	12	4·5
21	13	13	12	10·5	13	9·5	12	7·5	11	5·5	7	4·5	7	4	7	5·5
22	9	18	7	11	8	9·5	7	7·5	8	8·5	9	15	7	10·5	6	11
23	5	14	5	12	5	11	5	10·5	5	11	5	7·5	5	6·5	5	7·5
24	1	6·5	32	4	32	4	1	5·5	1	3	1	3	1	3	32	3
25	21	6·5	15	8·5	14	8·5	14	9·5	14	5·5	14	6·5	15	7·5	15	5·5
26	13	9·5	14	10·5	14	7·5	14	6·5	14	4·5	15	4	15	4·5	15	7·5
27	13	11	14	9·5	16	4·5	16	5·5	18	5·5	17	4	17	4	17	4
28	...	...	...	...	*	*	...	...	...	...	...	...	...	...	...	...
29	5	11	4	8·5	3	8·5	3	10·5	3	9·5	2	9·5	2	9·5	1	9·5
30	30	4·5	28	4·5	27	4·5	28	6·5	27	5·5	27	4·5	28	5·5	28	4·5
31	29	8·5	28	7·5	27	8·5	27	6·5	26	7·5	27	8·5	27	6·5	27	6·5

1 day RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	Funnel choked, total to 10 a.m. = ·027										.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	·010	·020	.	·080	·010	·010	.	·020	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	·010	.	·005	.	.	.	·030	.	.	.	.	.	.	.	.	.	·010
8	·010	·010	.	.	.	.	.	.	.	.	·020	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	·100	·130	·045	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·050	·020	·020	·060	·050	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	·030	·020	.	.	.	.	·030	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	~~·010~~	·010	·030	.	·010	·010	·010	.	.	·010
14	.	.	.	·030	·020	·030	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	·020
15	·040	·010	.	.	.	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	·020	·090	·070	.	·005	.	.	.	.	·020	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	·020	·160	·090	·020	.	.	.	.	.	.	.	.	.	.	·010	.
18	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	·040	·010	·020	·030
25	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·030	·040	·090	·060	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	·010	·010	·030	.	.	.	·040	·050	·090	·090	·110	·040	·045
30	·040	·030	·040	·020	·025	·010	·010	·010	.	.	·010	.	·010	·010	·010	·010	·030	·020	.	·010	·010	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	·100	·050	·050	·050	·045	·060	·100	·090	·130	·330	·165	·110	·060	·100	·050	·040	·120	·080	·140	·200	·290	·190	·040	·115

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·372	·361	·351	·337	·322	·320	·352	·405	·445	·472	·455	·457	·461	·437	·385	·367	·388	·396	·445	·463	·465	·442	·445	·425
2	·386	·405	·400	·400	·371	·382	·379	·386	·385	·395	·414	·405	·404	·402	·437	·444	·445	·457	·460	·468	·458	·446	·411	·401
3	·392	·405	·396	·391	·388	·398	·407	·404	·416	·427	·429	·443	·451	·452	·455	·432	·424	·467	·450	·441	·438	·438	·439	·441
4	·445	·447	·452	·441	·460	·461	·458	·465	·475	·502	·478	·490	·506	·498	·510	·500	·520	·505	·534	·502	·483	·485	·500	·487
5	·460	·459	·460	·456	·452	·441	·453	·453	·448	·459	·449	·473	·463	·473	·449	·469	·469	·486	·493	·483	·462	·463	·447	·451
6	·450	·454	·442	·446	·463	·467	·445	·455	·467	·470	·481	·481	·490	·474	·490	·485	·498	·496	·496	·498	·481	·472	·461	·458
7	·444	·440	·462	·461	·458	·462	·494	·511	·501	·488	·477	·453	·443	·496	·494	·477	·459	·460	·468	·472	·453	·442	·433	·452
8	·458	·460	·455	·447	·440	·458	·485	·492	·509	·514	·498	·458	·439	·423	·421	·359	·406	·419	·441	·433	·422	·401	·405	·403
9	·407	·392	·395	·400	·410	·413	·435	·435	·442	·401	·441	·451	·460	·427	·455	·457	·461	·471	·453	·437	·440	·440	·434	·431
10	·448	·457	·451	·446	·445	·455	·467	·480	·494	·512	·519	·513	·486	·475	·404	·363	·377	·359	·358	·384	·375	·373	·370	·362
11	·352	·354	·361	·352	·350	·371	·407	·424	·428	·426	·418	·397	·403	·414	·411	·413	·482	·469	·447	·451	·452	·463	·469	·469
12	·476	·427	·399	·371	·357	·360	·372	·391	·381	·397	·375	·401	·464	·444	·400	·395	·375	·388	·412	·393	·397	·396	·383	·381
13	·380	·391	·390	·385	·381	·375	·394	·397	·402	·396	·428	·437	·450	·473	·496	·473	·494	·472	·476	·477	·480	·497	·499	·492
14	·491	·497	·486	·477	·452	·448	·452	·458	·469	·447	·441	·429	·431	·431	·428	·435	·405	·412	·428	·434	·438	·430	·411	·438
15	·470	·478	·479	·458	·456	·450	·452	·444	·439	·440	·422	·433	·410	·398	·397	·427	·443	·448	·418	·422	·417	·434	·437	·430
16	·416	·403	·407	·412	·410	·402	·405	·411	·426	·419	·417	·413	·413	·408	·412	·374	·350	·359	·340	·341	·336	·332	·322	·311
17	·317	·316	·320	·323	·331	·348	·369	·383	·395	·414	·461	·515	·488	·450	·412	·407	·415	·434	·455	·470	·442	·466	·460	·452
18	·455	·455	·458	·459	·456	·461	·468	·474	·488	·492	·472	·448	·414	·450	·405	·399	·450	·419	·433	·432	·448	·441	·426	·430
19	·427	·423	·390	·382	·377	·368	·433	·440	·453	·434	·450	·445	·428	·407	·405	·405	·401	·428	·432	·430	·422	·418	·405	·399
20	·393	·380	·382	·382	·381	·386	·427	·448	·467	·456	·452	·444	·456	·463	·475	·464	·459	·467	·479	·467	·461	·450	·454	·445
21	·449	·435	...	...	*	...	...	·453	·471	·446	*	†·391	·386	·370	·406	·389	·393	·385	·387	·398	·410	·425	·426	·427
22	·417	·406	·404	·389	·389	·407	·399	*	*	†·344	†·403	†·396	†·361	†·358	†·327	†·325	†·341	†·340	·364	·382	·382	·368	·378	·393
23	·383	·390	·366	·369	·363	·358	·372	·373	·371	·382	·390	·365	·357	·355	·383	†·369	†·372	·381	·381	·372	·360	·366	·367	·375
24	·387	·388	·382	·373	·381	·391	·380	·395	·402	·404	·398	·400	·399	·392	·391	·400	·398	·401	·386	·368	·392	·394	·409	·412
25	·410	·413	·397	·403	·393	·390	·394	·409	·416	·408	·423	·426	·421	·415	·378	·375	·385	·416	·407	·405	·408	·406	·429	·433
26	·433	·436	·424	·431	·430	·425	·435	·440	·449	·456	·475	·486	·470	·463	·489	·487	·479	·484	·478	·490	·489	·498	·482	·480
27	·479	·479	·454	·460	·445	·443	·445	·433	·447	·428	·414	·405	·402	·400	·426	·412	·437	·456	·466	·467	·416	·403	·413	·414
28	·406	·399	·412	·393	·375	·367	·389	·422	·448	·467	·468	·473	·448	·444	·470	·453	·456	·449	·453	·464	·453	·460	·461	·433
29	·418	·408	·420	·402	·411	·414	·425	·440	·450	·454	·456	·456	·483	·453	·467	·429	·423	·429	·460	·458	·452	·446	·443	·447
30	·432	·429	·414	·413	·413	·417	·415	·427	·425	·436	·441	·440	·445	·441	·447	·437	·446	·456	·453	·442	·443	·443	·443	·445
31	·442	·443	·428	·422	·425	·412	·409	·413	·421	·417	·423	·428	·430	·411	·411	·411	·391	·385	·365	·364	·37·	·359	·345	·336

Meteorological Office.
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W — HOURLY VALUES August 1878.

BAROMETER. CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·170	30·170	30·160	30·160	30·164	30·162	30·164	30·156	30·146	30·130	30·119	30·107	30·091	30·077	30·065	30·053	30·045	30·049	30·055	30·065	30·074	30·075	30·077	30·079	1
2	30·073	30·065	30·058	30·053	30·047	30·045	30·037	30·033	30·028	30·017	30·017	30·005	30·001	29·989	29·987	29·973	29·965	29·959	29·971	29·987	29·975	29·974	29·976	29·973	2
3	29·963	29·945	29·939	29·931	29·929	29·920	29·917	29·909	29·891	29·869	29·861	29·841	29·820	·823	·812	·799	·797	·801	·813	·811	·811	·817	·821	·811	3
4	·807	·795	·778	·773	·773	·777	·787	·781	·767	·753	·738	·736	·736	·730	·720	·708	·707	·714	·718	·714	·722	·722	·716	·704	4
5	·702	·712	·704	·698	·692	·690	·696	·706	·702	·700	·694	·691	·698	·693	·690	·682	·673	·678	·682	·694	·708	·704	·698	·689	5
6	·686	·674	·666	·664	·650	·632	·620	·618	·605	·593	·580	·566	·550	·533	·504	·496	·482	·474	·480	·490	·490	·487	·476	·460	6
7	·446	·446	·432	·436	·430	·416	·425	·424	·430	·429	·429	·436	·427	·429	·427	·432	·437	·445	·466	·474	·483	·493	·497	·497	7
8	·503	·507	·516	·527	·540	·561	·583	·594	·609	·630	·642	·664	·683	·706	·716	·746	·768	·775	·794	·815	·840	·852	·858	·860	8
9	·864	·864	·865	·865	·862	·869	·864	·852	·848	·844	·839	·823	·815	·797	·789	·769	·751	·739	·727	·721	·717	·691	·675	·649	9
10	·625	·603	·585	·553	·532	·515	·499	·477	·471	·467	·461	·441	·416	·412	·399	·393	·393	·401	·414	·434	·443	·452	·451	·457	10
11	·451	·451	·444	·439	·440	·447	·456	·455	·447	·443	·431	·419	·401	·396	·379	·353	·323	·297	·268	·243	·216	·185	·155	·121	11
12	·080	·053	·045	·039	·033	·067	·095	·120	·127	·139	·154	·163	·165	·158	·155	·165	·141	·117	·103	·101	·091	·079	·066	·049	12
13	·042	·035	·033	·051	·052	·069	·103	·123	·131	·143	·163	·162	·166	·167	·175	·173	·163	·165	·156	·159	·151	·139	·121	·113	13
14	·089	·077	·065	·061	·065	·077	·095	·103	·113	·121	·126	·141	·149	·163	·175	·185	·198	·207	·227	·248	·259	·271	·273	·277	14
15	·281	·285	·281	·281	·281	·283	·281	·277	·277	·277	·291	·279	·279	·260	·253	·241	·231	·233	·235	·235	·223	·223	·211	·201	15
16	·191	·181	·170	·159	·157	·152	·159	·161	·159	·161	·158	·168	·160	·176	·184	·208	·222	·235	·260	·284	·304	·317	·332	·340	16
17	·352	·362	·376	·392	·404	·421	·438	·446	·442	·442	·443	·438	·438	·426	·408	·399	·410	·436	·464	·484	·502	·529	·556	·572	17
18	·586	·606	·622	·638	·651	·665	·686	·705	·710	·714	·722	·728	·741	·748	·756	·754	·758	·758	·768	·789	·794	·788	·788	·785	18
19	·781	·773	·768	·770	·770	·774	·780	·786	·776	·770	·770	·760	·750	·740	·738	·737	·728	·726	·730	·741	·749	·754	·766	·762	19
20	·766	·762	·754	·750	·754	·757	·758	·762	·770	·774	·773	·772	·768	·772	·764	·762	·766	·770	·773	·790	·792	·800	·804	·808	20
21	·804	·806	·806	·806	·806	·804	·799	·808	·818	·819	·821	·819	·823	·814	·815	·803	·799	·791	·797	·805	·811	·821	·823	·824	21
22	·821	·819	·817	·813	·813	·813	·821	·840	·841	·837	·831	·810	·798	·784	·776	·758	·738	·734	·738	·756	·764	·762	·758	·750	22
23	·734	·714	·700	·676	·666	·664	·652	·642	·644	·628	·631	·615	·617	·605	·599	·583	·575	·577	·575	·579	·569	·562	·557	·539	23
24	·533	·521	·505	·491	·489	·485	·481	·459	·455	·439	·418	·392	·392	·376	·362	·352	·342	·342	·348	·358	·350	·346	·332	·319	24
25	·306	·300	·294	·275	·272	·273	·272	·274	·276	·268	·266	·260	·254	·244	·252	·253	·250	·256	·264	·268	·272	·281	·276	·280	25
26	·270	·272	·266	·268	·272	·278	·283	·278	·277	·270	·266	·257	·259	·254	·246	·259	·256	·266	·281	·291	·296	·301	·306	·312	26
27	·318	·316	·317	·316	·320	·331	·337	·336	·334	·328	·319	·318	·312	·309	·301	·307	·314	·319	·322	·333	·326	·324	·324	·319	27
28	·323	·323	·323	·329	·332	·350	·353	·373	·387	·399	·405	·405	·405	·410	·421	·445	·454	·477	·481	·501	·506	·523	·521	·525	28
29	·531	·528	·523	·519	·513	·518	·516	·510	·509	·507	·501	·492	·477	·451	·430	·409	·397	·387	·365	·351	·331	·321	·269	·261	29
30	·244	·227	·197	·193	·187	·190	·191	·195	·204	·211	·217	·222	·234	·229	·226	·225	·226	·241	·247	·264	·279	·297	·297	·301	30
31	29·301	29·301	29·297	29·311	29·336	29·366	29·383	29·404	29·421	29·445	29·450	29·472	29·488	29·506	29·516	29·521	29·528	29·543	29·552	29·582	29·599	29·618	29·624	29·637	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	54·9	53·9	53·1	51·2	50·7	51·5	54·0	56·7	62·9	66·4	68·9	70·5	72·1	73·9	74·9	74·9	73·5	71·5	66·5	62·5	59·4	57·0	55·4	53·5
2	55·1	55·6	55·7	54·9	53·5	54·5	58·0	59·5	61·5	62·5	63·9	64·3	64·0	63·5	65·0	61·9	62·3	59·3	58·9	57·5	56·8	56·2	56·0	55·9
3	55·5	54·9	54·5	54·0	54·1	54·6	56·9	59·0	61·9	63·7	65·9	67·1	67·9	67·5	68·0	67·3	67·2	66·7	65·2	63·7	63·1	61·5	61·2	60·8
4	59·9	59·5	59·9	60·5	60·3	61·3	63·5	63·9	66·4	68·3	70·7	71·8	70·9	71·9	69·0	69·4	66·3	65·0	63·4	62·9	61·0	61·3	60·9	59·9
5	59·9	60·0	60·0	60·0	60·0	60·0	60·9	62·5	67·2	65·9	66·1	67·9	68·2	70·9	69·5	69·5	69·3	66·1	62·9	61·0	59·2	58·6	57·8	57·1
6	56·5	56·2	56·1	56·0	57·2	57·2	58·7	60·1	60·8	61·2	62·8	65·3	65·2	65·0	65·2	63·1	65·0	63·2	62·2	61·3	61·2	60·9	60·0	59·8
7	59·9	60·0	60·0	59·9	59·4	59·3	60·1	61·3	62·6	63·3	63·5	65·0	65·0	66·4	67·0	64·2	64·9	67·0	64·2	61·5	60·9	60·9	60·1	59·5
8	59·6	59·9	59·0	58·3	57·8	58·2	59·1	59·9	59·2	59·4	61·7	62·1	63·9	60·6	65·2	62·9	61·9	61·3	60·6	57·8	56·1	55·3	53·9	52·8
9	51·5	51·0	50·3	49·6	49·3	49·0	52·3	56·9	60·6	63·3	65·8	64·0	66·5	66·0	65·1	66·1	65·4	65·6	64·9	63·8	61·9	61·8	61·0	60·1
10	60·7	59·8	58·9	58·1	58·5	58·0	57·9	58·5	59·0	58·9	60·9	61·5	63·2	61·2	60·2	60·0	59·9	60·2	59·4	56·5	55·0	52·9	51·8	50·8
11	51·0	51·3	51·1	50·9	50·7	51·4	55·6	57·9	60·0	60·6	63·5	64·5	65·5	62·0	62·5	61·9	60·1	59·2	58·8	59·0	58·9	58·0	57·8	58·1
12	57·5	57·3	57·1	57·9	58·3	56·5	55·9	58·5	61·9	59·6	63·0	61·4	64·6	64·2	63·9	57·9	58·5	59·6	57·1	56·9	55·3	54·9	55·6	54·7
13	54·9	55·2	54·7	54·8	54·4	54·6	56·9	58·2	59·9	59·5	62·3	63·0	64·8	63·3	63·0	60·5	60·7	59·8	58·9	58·1	54·9	54·5	54·0	52·4
14	51·4	51·0	51·2	51·8	50·0	50·6	51·5	55·9	60·5	63·1	65·5	65·5	67·2	68·0	68·3	68·4	68·5	65·1	61·0	58·5	55·9	54·0	52·9	51·3
15	50·8	50·5	49·4	48·6	49·0	50·2	51·8	52·2	53·2	53·9	55·7	55·2	55·1	55·9	55·9	57·1	57·3	56·9	56·4	56·1	55·8	55·1	55·0	55·2
16	54·8	54·7	53·9	54·6	53·8	53·3	54·2	55·9	56·4	56·8	57·9	58·7	63·0	57·9	56·2	55·8	54·8	54·9	54·5	53·6	52·8	52·0	50·6	48·9
17	48·0	45·7	45·0	45·1	44·1	46·7	48·4	53·4	56·0	57·1	58·1	54·9	55·6	55·3	56·3	56·6	57·8	58·7	58·0	56·9	56·3	57·0	56·9	56·1
18	55·9	55·2	55·2	55·2	55·1	55·8	57·0	59·0	61·2	63·7	*	*	62·6	62·6	64·1	63·9	66·1	64·8	62·0	59·5	57·0	56·3	55·8	55·8
19	54·9	54·5	53·7	53·1	52·9	50·3	51·9	54·0	56·6	60·3	61·9	62·9	64·0	64·9	64·8	64·3	64·1	63·0	60·7	58·0	56·0	55·6	55·0	54·1
20	54·0	53·9	53·6	53·0	52·9	52·8	53·1	54·0	55·7	56·9	57·9	60·3	59·9	61·1	61·9	61·4	61·0	59·0	57·2	56·5	56·0	55·9	55·3	55·1
21	55·1	54·7	53·8	53·9	53·9	54·4	54·9	54·9	55·0	56·0	57·2	58·2	60·2	60·6	60·7	59·9	59·5	59·2	58·5	57·4	56·1	56·0	55·0	55·0
22	53·9	53·6	53·7	52·9	54·1	53·8	54·2	55·2	56·0	57·9	59·0	60·2	62·1	63·9	65·9	65·9	65·1	64·0	61·7	61·2	57·4	53·5	53·0	51·6
23	50·0	49·9	49·9	50·3	50·3	51·5	52·0	53·9	55·4	58·6	59·2	58·9	59·7	59·0	59·0	58·5	57·9	57·5	55·9	55·1	54·9	54·2	54·5	54·9
24	54·1	54·2	53·4	53·1	53·1	53·2	53·9	56·2	58·3	57·7	58·3	58·3	57·8	59·2	60·4	59·9	60·2	59·9	59·3	59·0	58·9	58·2	58·5	58·4
25	58·0	58·1	58·0	57·8	57·5	57·3	57·8	59·0	60·0	60·8	62·9	64·1	62·0	63·3	61·9	60·8	61·7	60·7	59·7	59·0	58·6	58·7	57·8	56·9
26	56·4	56·2	54·8	53·9	53·0	51·7	53·3	53·6	55·7	60·5	*	65·3	66·4	67·9	67·2	68·0	66·7	64·3	62·0	59·0	57·0	56·6	56·1	55·4
27	53·7	53·7	53·8	54·0	54·5	55·0	56·0	57·0	60·4	63·0	64·5	64·2	65·2	63·1	65·6	66·8	64·0	62·1	59·4	58·4	58·0	58·0	57·1	57·5
28	56·0	55·7	55·0	55·0	54·9	54·6	55·9	58·6	61·6	63·7	64·1	66·3	67·5	69·0	68·5	63·4	62·4	61·3	61·0	60·0	59·6	59·4	58·2	57·4
29	57·0	56·6	56·3	56·3	56·6	57·0	57·1	58·0	59·1	58·3	56·7	58·0	58·6	60·1	60·8	60·3	59·4	56·9	56·0	55·4	54·9	54·5	55·7	56·2
30	56·2	56·0	56·4	56·6	56·9	56·8	56·5	57·5	58·1	58·0	58·4	58·6	58·9	60·0	61·0	58·4	59·0	59·4	59·5	60·0	59·6	58·3	56·7	56·5
31	57·1	59·0	59·5	59·0	59·3	59·0	59·7	60·0	62·1	62·1	62·8	63·0	61·3	62·8	61·7	62·7	61·7	61·2	60·0	58·3	57·0	56·8	55·6	55·2

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
53·1	52·2	51·7	49·9	49·3	50·1	51·9	54·2	57·9	60·0	60·9	61·2	*	61·0	61·6	61·2	61·9	60·3	57·3	55·5	53·8	53·0	52·2	51·0	1
52·9	52·9	52·9	52·1	50·8	51·1	53·7	54·1	55·8	56·7	56·9	56·8	56·9	56·8	57·7	56·1	56·7	55·2	55·0	54·1	53·8	53·8	53·6	53·3	2
52·9	52·2	52·1	51·8	51·9	51·9	53·3	54·7	55·8	56·7	56·8	59·0	58·9	59·2	59·1	58·3	58·0	58·0	57·2	56·7	56·4	56·0	56·0	55·9	3
56·0	55·9	55·8	55·7	55·7	56·3	58·0	58·4	59·7	60·9	62·0	62·0	61·1	62·0	61·1	62·0	60·8	60·3	59·9	59·8	59·1	59·0	58·9	58·7	4
58·9	59·0	58·9	58·7	58·8	58·8	58·8	58·5	61·1	60·9	60·8	61·3	59·9	59·6	59·1	60·1	60·2	60·9	59·1	58·0	57·0	56·2	55·7	55·0	5
54·5	54·0	54·0	54·1	55·9	56·1	57·7	58·5	58·9	59·1	60·0	61·2	61·2	61·2	61·3	60·5	61·5	60·9	60·4	60·0	59·8	59·7	58·7	58·4	6
58·8	58·9	59·0	59·0	58·8	58·7	59·1	60·0	60·9	61·3	61·9	62·1	61·5	62·9	63·5	60·9	61·2	61·2	59·9	58·6	58·3	58·0	57·5	57·2	7
57·4	57·7	57·9	57·3	56·8	57·0	57·8	58·7	58·1	58·3	59·3	59·1	59·8	58·9	60·5	57·9	56·3	55·0	54·5	52·9	52·1	52·1	51·2	50·4	8
49·9	49·4	49·0	48·1	48·0	47·4	50·0	53·8	56·0	56·7	58·1	58·5	60·1	60·2	59·7	59·9	58·1	58·2	58·0	56·9	57·3	57·0	56·9	56·9	9
56·8	56·2	56·1	56·2	56·7	56·6	56·7	56·9	57·3	57·9	57·9	58·3	59·1	59·2	59·0	58·8	57·9	57·1	56·1	53·3	51·9	50·8	50·0	49·7	10
49·7	50·1	49·9	49·8	49·6	50·5	53·8	55·1	55·0	54·8	56·3	55·7	57·9	56·8	56·7	55·2	55·3	55·9	56·0	55·9	56·1	56·2	55·3	56·1	11
55·5	55·7	55·7	56·5	57·1	55·0	53·4	54·3	56·0	54·4	56·2	55·4	57·9	56·8	55·1	54·9	55·2	54·3	54·2	53·9	51·9	52·3	53·8	52·8	12
52·6	53·2	52·7	52·8	52·5	52·0	53·5	54·4	55·9	54·8	56·3	56·0	56·9	56·0	57·1	56·1	55·3	55·2	55·6	55·1	53·1	53·0	52·5	51·3	13
50·3	49·9	49·8	50·0	49·4	49·8	50·5	53·5	55·0	56·2	57·6	55·9	56·1	56·9	58·0	58·0	59·0	56·8	55·0	53·8	52·0	51·1	50·5	49·7	14
49·1	49·1	48·2	47·3	48·0	49·3	50·5	50·9	51·9	52·7	53·1	53·0	53·2	53·8	54·2	55·3	54·8	54·9	54·8	54·2	54·2	54·0	53·9	54·1	15
53·1	52·5	51·5	51·9	51·9	52·0	53·0	54·4	54·7	54·6	55·3	55·0	58·0	54·5	52·9	52·0	51·4	50·3	48·9	49·2	48·9	48·0	46·6	45·7	16
45·1	44·1	43·6	43·1	42·5	44·4	45·6	49·6	51·9	52·0	52·8	52·0	53·2	53·9	54·6	55·3	56·8	55·6	55·3	55·4	55·5	55·3	55·0	54·0	17
53·9	53·5	53·8	53·3	53·0	53·5	54·8	55·3	56·2	57·5	56·2	57·1	57·0	58·9	57·7	56·9	59·0	58·0	57·5	56·4	54·9	54·8	54·0	54·0	18
53·5	53·1	52·6	52·1	51·7	49·3	50·6	52·8	54·0	56·2	57·0	56·5	57·1	58·0	57·9	58·0	58·0	58·0	57·0	54·6	53·2	53·4	53·0	52·2	19
52·0	51·9	51·9	51·0	50·9	50·3	50·4	51·0	51·9	52·4	53·5	55·0	54·5	55·5	55·9	55·9	55·8	54·5	52·9	52·8	52·0	51·9	51·8	51·9	20
51·8	51·5	51·6	51·5	51·2	51·8	52·1	52·2	52·6	53·5	54·8	55·3	56·6	56·8	57·0	56·5	56·8	56·9	56·0	55·6	54·7	54·1	53·8	53·8	21
52·6	52·2	52·4	51·9	53·0	52·9	53·2	53·8	53·9	55·0	56·3	56·5	57·5	58·0	58·5	58·0	58·0	58·0	56·3	53·6	50·7	48·9	48·3	47·9	22
47·2	47·5	47·8	48·1	47·9	49·0	49·9	51·1	52·3	51·7	51·0	51·2	52·3	52·3	52·0	52·2	52·3	52·9	52·0	51·9	51·8	51·1	51·0	51·0	23
51·0	51·1	51·0	50·9	51·0	50·9	50·8	51·5	52·8	53·0	53·9	54·8	55·5	56·9	57·9	57·4	57·9	57·9	57·9	57·8	57·1	56·7	56·9	57·1	24
57·0	57·0	57·0	56·8	56·8	56·8	57·0	57·9	58·0	58·8	59·9	60·0	59·4	58·9	59·9	59·9	59·9	59·1	58·3	57·9	57·2	57·3	56·9	56·1	25
55·4	55·3	54·0	53·0	52·0	50·9	52·8	52·9	55·0	57·3	57·8	59·2	59·8	60·8	58·8	60·0	59·0	58·2	57·8	56·0	55·0	54·7	54·5	54·0	26
52·3	52·5	52·6	52·6	53·0	53·2	54·4	55·7	57·6	58·6	60·0	59·6	61·7	60·4	60·5	61·0	57·0	56·9	56·0	55·8	55·8	55·7	55·4	55·3	27
54·0	53·8	53·2	53·3	53·5	53·0	54·3	56·0	58·0	58·0	58·0	57·9	59·0	60·0	60·0	58·5	59·4	57·6	58·3	58·0	57·1	56·9	56·1	56·0	28
55·8	55·1	55·0	55·5	55·4	55·4	55·7	56·0	56·1	55·6	55·7	56·1	56·3	56·9	56·6	55·0	54·9	54·5	54·0	53·5	53·7	53·4	54·0	54·2	29
54·0	53·5	54·0	54·6	55·0	55·1	54·8	55·3	55·0	54·9	54·8	55·0	55·5	57·0	57·8	55·4	56·1	55·6	55·0	54·7	54·6	54·5	54·4	54·5	30
54·9	54·8	54·6	54·5	54·6	54·8	54·8	55·8	56·5	56·2	56·6	56·2	57·5	57·6	57·1	57·4	56·8	56·0	56·8	55·5	55·1	54·2	53·9	53·2	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53′ N. LONG: 4°18′ W. HOURLY VALUES August 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	1	4	1	1·5	1	4	1	2	1	4·5	1	4	1	1·5	1	3	1	4	1	3	27	4	1	4·5
2	5	12	5	15	6	14	5	11	5	10·5	5	12	7	14	5	18	7	19	6	19	7	22	7	16
3	5	12	6	15	5	12	6	13	6	7·5	6	16	7	14	8	12	6	15	6	18	7	15	8	16
4	6	14	6	11	5	15	5	19	4	16	4	17	6	17	5	16	6	20	4	27	6	28	7	29
5	6	16	6	15	6	14	7	11	6	9·5	6	7·5	7	17	7	15	6	14	6	17	6	19	6	18
6	7	15	7	14	7	10·5	7	7·5	7	13	7	11	6	14	7	14	7	14	7	13	5	18	6	22
7	7	10·5	8	10·5	6	10·5	6	9·5	7	6·5	6	7·5	6	6·5	6	4·5	6	4·5	20	4·5	20	5·5	20	4·5
8	18	3	18	3	18	4·5	20	8·5	19	4·5	19	5·5	19	6·5	20	10·5	20	11	22	15	23	14	23	14
9	20	4	20	1·5	20	2	20	4·5	20	4	20	2	20	3	20	3	20	3	20	4	20	4·5	22	4·5
10	10	8·5	11	7·5	11	9·5	10	7·5	9	12	9	8·5	7	7·5	7	9·5	10	7·5	7	7·5	9	9·5	9	6·5
11	25	4·5	25	6·5	22	6·5	21	4·5	21	5·5	21	4·5	21	7·5	20	8·5	21	12	20	15	18	16	20	16
12	13	15	15	14	19	13	19	9·5	19	14	24	13	22	13	23	16	23	16	22	17	21	22	21	19
13	20	27	20	26	21	30	22	28	23	24	23	20	22	18	23	18	23	22	22	24	23	21	23	23
14	20	4·5	20	4·5	20	3	24	4	25	2	25	2	25	1·5	25	3	30	4·5	5	·4	25	4·5	25	6·5
15	22	5·5	22	4	22	1·5	22	3	22	4	22	1·5	22	4	22	3	22	3	22	3	22	4·5	22	5·5
16	2	4	10	6·5	12	5·5	12	5·5	12	3	8	5·5	12	4·5	13	4·5	16	4·5	25	7·5	27	8·5	26	6·5
17	27	6·5	24	4·5	24	6·5	24	5·5	24	5·5	23	4	20	4	20	2	21	9·5	18	11	20	13	17	10·5
18	23	14	22	8·5	24	6·5	25	4·5	23	4·5	25	3	22	7·5	23	12	24	15	23	16	26	11	25	12
19	24	4	24	4	24	3	24	2	24	4·5	24	4	2	4·5	2	4·5	4	5·5	7	9·5	7	9·5	8	8·5
20	5	12	6	10·5	5	10·5	6	12	5	11	6	10·5	6	12	5	12	5	13	5	14	6	13	5	13
21	6	7·5	6	7·5	6	6·5	6	4·5	6	6·5	6	4·5	6	4	6	5·5	7	6·5	7	4·5	6	6·5	6	5·5
22	4	4	4	4	4	4	7	3	7	5·5	7	9·5	7	10·5	6	9·5	5	12	7	8·5	8	8·5	5	13
23	5	14	5	14	5	15	5	16	6	16	5	14	6	13	6	15	6	14	7	19	7	20	7	22
24	5	15	5	16	5	16	5	15	5	16	4	15	4	12	6	19	4	18	4	14	5	20	4	17
25	6	7·5	7	6·5	7	5·5	7	6·5	7	7·5	7	5·5	7	5·5	6	6·5	7	6·5	7	7·5	6	7·5	5	10·5
26	7	1·5	7	1·5	7	1·5	7	1·5	7	3	7	2	7	2	7	2	7	2	7	4·5	22	6·5	24	7·5
27	21	3	21	4	21	4	21	5·5	21	3	21	6·5	10	6·5	8	5·5	8	5·6	11	6·5	15	7·5	16	10·5
28	4	3	4	4·5	4	3	4	2	4	2	4	2	4	2	4	3	25	5·5	26	6·5	25	8·5	24	6·5
29	5	4·5	8	4	8	5·5	8	7·5	7	7·5	6	8·5	6	10·5	6	10·5	8	13	7	13	6	14	6	12
30	4	18	4	17	4	16	5	17	4	21	5	19	4	21	4	14	4	14	4	17	3	18	1	12
31	25	10·5	27	9·5	24	11	30	7·5	1	10·5	2	5·5	31	8·5	32	7·5	32	12	31	8·5	30	10·5	31	10·5

DAYS	1 D	1 V	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	6	7·5	9·5	5	10·5	5	13	6	13	5	14	5	16	5	14	5	16	5	14	5	12	4	8·5
2	8	19	23	8	19	6	18	9	17	7	19	8	20	8	15	7	17	6	15	4	11	6	13
3	6	19	15	8	14	7	20	7	20	6	21	7	19	7	19	7	20	6	15	6	14	6	18
4	6	29	30	7	25	7	26	7	26	7	23	5	21	5	23	5	22	6	21	5	18	5	19
5	10	19	19	9	18	9	19	7	15	6	14	6	19	7	21	6	21	6	22	6	22	7	16
6	7	20	21	6	19	6	21	6	18	6	18	5	17	6	17	6	15	6	14	6	15	5	15
7	16	7·5	9·5	15	10·5	17	10·5	16	11	20	14	20	12	20	4	14	4·5	16	4·5	18	5·5	18	3
8	25	12	16	26	21	25	18	26	15	27	14	24	14	23	9·5	25	8·5	25	6·5	20	5·5	20	5·5
9	25	5·5	7·5	21	6·5	17	10·5	17	7·5	12	6·5	13	10·5	14	7·5	13	4·5	11	5·5	9	7·5	9	8·5
10	13	6·5	7·5	23	7·5	23	9·5	26	11	25	12	25	12	26	10·5	25	8·5	25	5·5	25	5·5	25	7·5
11	19	16	15	16	19	16	15	16	12	14	9·5	14	12	14	10·5	15	11	14	11	14	13	14	13
12	20	21	22	20	26	20	17	18	10·5	17	17	17	16	17	16	18	21	18	20	20	20	20	27
13	22	22	18	21	20	20	15	22	13	21	10·5	20	9·5	20	5·5	20	4	20	4·5	20	4	20	3
14	25	8·5	11	22	14	23	17	24	15	25	13	25	9·5	23	9·5	22	6·5	22	4·5	22	7·5	22	4·5
15	4	7·5	7·5	7	4	4	7·5	3	6·5	2	4	2	4	2	4	2	2	2	3	2	1·5	2	2
16	23	4·5	15	32	12	32	12	31	6·5	2	9·5	31	7·5	32	4·5	29	5·5	29	6·5	28	8·5	27	7·5
17	15	10·5	7·5	14	5·5	16	4	22	14	22	16	21	15	22	12	22	14	22	17	21	16	22	17
18	25	14	15	26	14	27	13	26	13	26	13	27	7·5	26	4·5	26	4·5	26	4·5	24	3	24	4·5
19	6	7·5	7·5	6	8·5	6	4·5	7	7·5	7	8·5	7	12	6	16	6	15	6	15	6	14	6	14
20	5	10·5	14	6	12	6	10·5	6	13	6	13	6	14	6	13	7	10·5	6	8·5	6	10·5	6	9·5
21	6	4	4	6	4	4	4·5	4	4	4	4·5	4	4·5	4	5·5	4	4·5	4	4	4	5·5	4	4·5
22	5	13	13	7	12	8	16	8	13	7	12	8	11	10	16	6	10·5	6	13	6	14	6	13
23	6	20	21	7	19	6	21	6	19	7	19	6	16	5	18	5	15	5	18	5	16	5	21
24	5	17	19	6	16	4	17	5	15	6	13	6	8·5	7	9·5	7	12	7	10·5	7	7·5	6	6·5
25	6	14	9·5	11	3	9	6·5	8	5·5	9	4·5	7	5·5	7	7·5	7	7·5	7	4	7	3	7	2
26	22	10·5	12	22	11	20	14	20	12	21	10·5	21	9·5	21	5·5	21	4·5	21	4	21	3	21	3
27	14	10·5	9·5	23	6·5	20	11	18	15	21	9·5	21	6·5	21	3	26	1·5	26	2	32	3	4	3
28	24	8·5	8·5	27	7·5	1	11	3	4	3	2	3	3	3	4·5	5	4·5	5	4	5	6·5	5	4·5
29	6	13	15	7	18	6	18	7	17	7	14	6	14	6	17	5	23	5	20	5	20	4	18
30	2	8·5	6·5	31	9·5	30	9·5	29	10·5	2	10·5	2	7·5	32	7·5	1	10·5	32	7·5	30	7·5	25	8·5
31	26	7·5	4·5	30	7·5	29	9·5	31	5·5	28	5·5	23	7·5	24	6·5	24	6·5	26	8·5	26	5·5	26	9·5

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·008	.	.	·042
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	·004	·012	·020	.	.	.	·010	·005	·002	·001	.	·002	·006	·004	.	.	.	.	.	.	.
8	.	.	·020	·081	.	.	.	·023	·074	·032	·018	.	.	·010	·017	·003	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	·042	·030	·011	·005	·002	.	·010	·020	·010	.	.	·021	·059	·050	.	.	.	.	.	.	.	.
11	.	.	.	.	·002	.	.	.	.	.	.	.	.	.	.	.	.	.	·030	·002	.	·010	·018	·030
12	·030	·003	.	.	·020	.	.	.	.	.	.	.	.	.	.	.	.	.	·013	·005	.	·012	·030	·040
13	·002	·010	·028	·049	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	·001	·001	·001	·001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	·001	·002	.	·002	.	.	·003	·012	·020	·100	·050	·010	·010	.	.	.	.	.	.	.	.	.
16	.	.	.	.	·108	·380	·180	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	·013	·077	·050	·022	·038	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	·005	·022	·003	.	.	.	.	.	·024	.	·044	·142	·040	·002	·028	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	·005	·010	.	.	.	.	·012	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·035	·003	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	·070	·018	·002	.	.	.	.	·024	·019	·007	·030	·040	·022	.
30	·003	·015	·020	.	·010	·020	.	.	.	.	.	·008	·012	·050	.	·008	·010	·002	·002	.	.	.	·008	·006
31	.	·003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
118	·036	·032	·112	·167	·168	·419	·190	·043	·087	·074	·123	·141	·178	·141	·154	·247	·089	·031	·092	·040	·038	·062	·078	·118

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·367	·365	·343	·334	·345	·357	·387	·412	·430	·427	·419	*	·383	·388	·379	·409	·387	·359	·355	·345	·351	·350	·341
2	·367	·366	·353	·336	·332	·360	·352	·373	·385	·375	·368	·374	·377	·384	·376	·387	·382	·381	·375	·375	·383	·381	·374
3	·355	·358	·355	·356	·349	·360	·372	·368	·372	·402	·396	·386	·397	·390	·377	·370	·374	·369	·372	·370	·378	·381	·383
4	·398	·391	·387	·384	·388	·409	·416	·427	·434	·439	·428	·413	·427	·432	·453	·455	·456	·466	·469	·473	·466	·468	·477
5	·485	·482	·475	·479	·479	·465	·436	·454	·462	·457	·451	·408	·374	·375	·400	·404	·460	·447	·439	·433	·419	·415	·404
6	·388	·390	·394	·428	·434	·463	·468	·470	·470	·477	·480	·481	·484	·485	·489	·494	·500	·497	·498	·493	·494	·475	·469
7	·482	·485	·487	·487	·484	·487	·498	·509	·512	·529	·513	·494	·520	·532	·486	·486	·459	·455	·451	·450	·440	·437	·436
8	·446	·464	·455	·448	·448	·460	·477	·467	·471	·470	·458	·456	·473	·460	·412	·381	·355	·350	·342	·342	·349	·340	·335
9	·333	·331	·317	·318	·308	·331	·373	·388	·376	·385	·417	·432	·440	·437	·430	·390	·389	·392	·376	·408	·400	·407	·419
10	·403	·44	·476	·435	·439	·443	·441	·445	·466	·437	·442	·444	·474	·482	·479	·451	·423	·405	·366	·347	·343	·338	·343
11	·347	·345	·344	·342	·356	·390	·397	·369	·357	·364	·340	·384	·394	·385	·353	·376	·402	·410	·404	·411	·427	·404	·423
12	·421	·424	·437	·449	·412	·376	·369	·373	·358	·366	·364	·393	·369	·331	·391	·392	·356	·382	·375	·344	·358	·390	·374
13	·379	·371	·372	·369	·353	·365	·374	·393	·370	·377	·361	·366	·358	·390	·392	·369	·376	·397	·395	·379	·382	·374	·363
14	·346	·340	·338	·345	·348	·355	·379	·364	·365	·376	·336	·325	·337	·359	·358	·382	·360	·358	·356	·341	·337	·336	·337
15	·332	·322	·310	·322	·340	·351	·353	·368	·381	·369	·373	·380	·387	·398	·413	·396	·403	·407	·396	·399	·402	·400	·404
16	·366	·348	·351	·360	·370	·385	·403	·405	·397	·402	·384	·414	·381	·360	·342	·337	·310	·284	·297	·299	·287	·272	·271
17	·270	·266	·254	·254	·266	·273	·308	·338	·326	·336	·350	·376	·396	·405	·420	·448	·400	·401	·418	·436	·414	·406	·390
18	·387	·395	·381	·374	·380	·399	·388	·386	·393	*	*	·392	·445	·394	·375	·405	·393	·413	·413	·402	·409	·393	·393
19	·385	·381	·376	·367	·339	·352	·382	·383	·398	·400	·375	·379	·392	·391	·399	·402	·414	·414	·383	·370	·377	·375	·365
20	·358	·362	·347	·346	·333	·331	·334	·341	·389	·356	·366	·358	·371	·371	·377	·378	·367	·347	·353	·340	·339	·341	·346
21	·340	·353	·348	·340	·351	·353	·355	·365	·378	·397	·398	·409	·410	·414	·410	·424	·430	·414	·417	·410	·394	·397	·397
22	·372	·375	·372	·387	·388	·391	·395	·388	·394	·416	·407	·412	·404	·394	·381	·391	·403	·383	·323	·295	·292	·284	·290
23	·299	·305	·309	·304	·317	·333	·337	·353	·306	·285	·292	·309	·315	·308	·318	·326	·345	·341	·346	·345	·335	·330	·326
24	·335	·342	·344	·346	·342	·330	·326	·334	·345	·361	·384	·409	·430	·440	·436	·447	·451	·460	·461	·441	·439	·440	·448
25	·449	·451	·448	·452	·455	·454	·464	·453	·467	·472	·460	·468	·436	·486	·543	·489	·478	·467	·464	·448	·450	·451	·439
26	·425	·406	·389	·374	·362	·392	·391	·423	·426	*	†·420	·424	·436	·390	·413	·400	·405	·421	·407	·405	·403	·403	·398
27	·379	·380	·377	·382	·381	·402	·425	·435	·431	·454	·446	·497	·486	·455	·455	·376	·395	·402	·410	·415	·413	·416	·409
28	·395	·381	·383	·390	·380	·400	·413	·432	·406	·402	·376	·392	·402	·408	·424	·463	·424	·448	·453	·431	·428	·421	·429
29	·414	·415	·430	·423	·417	·424	·421	·409	·406	·415	·424	·422	·419	·402	·366	·373	·392	·391	·386	·396	·393	·395	·393
30	·378	·385	·400	·406	·411	·406	·408	·392	·390	·383	·385	·395	·423	·433	·399	·410	·392	·375	·362	·363	·376	·392	·398
31	·375	·365	·367	·367	·375	·367	·390	·385	·376	·379	·366	·421	·406	·405	·402	·397	·381	·417	·403	·408	·386	·393	·379

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG 2°6′ W — HOURLY VALUES August 1878.

BAROMETER. CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·309	30·305	30·300	30·296	30·289	30·281	30·283	30·283	30·278	30·278	30·274	30·275	30·275	30·259	30·254	30·249	30·239	30·238	30·248	30·258	30·258	30·247	30·248	30·241	1
2	·239	·229	·226	·229	·228	·228	·225	·231	·229	·226	·220	·210	·209	·198	·180	·175	·169	·172	·176	·176	·170	·168	·167	·163	2
3	·146	·137	·127	·120	·112	·101	·111	·100	·101	·088	·080	·057	·049	·049	30·045	30·035	30·032	30·030	30·036	30·044	30·052	30·055	30·049	30·044	3
4	30·031	30·022	30·004	30·008	30·010	30·007	30·011	30·010	30·015	30·002	30·002	30·007	30·000	30·000	29·986	29·976	29·968	29·970	29·973	29·979	29·980	29·979	29·970	29·960	4
5	29·956	29·949	29·944	29·939	29·935	29·935	29·933	29·944	29·947	29·951	29·948	29·949	29·948	29·948	·939	·931	·920	·918	·920	·920	·920	·919	·912	·900	5
6	·872	·875	·866	·852	·840	·839	·824	·819	·815	·807	·796	·786	·774	·764	·738	·727	·716	·712	·708	·714	·703	·688	·677	·663	6
7	·645	·621	·612	·605	·595	·576	·572	·571	·568	·570	·572	·576	·569	·561	·564	·568	·570	·578	·590	·593	·597	·605	·612	·617	7
8	·625	·630	·630	·638	·647	·659	·663	·674	·678	·684	·699	·708	·711	·729	·749	·766	·796	·815	·837	·857	·881	·909	·926	·930	8
9	·941	·954	·961	·965	·971	·984	·987	·991	·991	·987	·989	·983	·974	·966	·953	·940	·929	·916	·910	·907	·899	·887	·872	·857	9
10	·828	·807	·780	·756	·738	·723	·696	·678	·662	·650	·639	·619	·596	·581	·558	·541	·524	·519	·514	·517	·517	·521	·514	·514	10
11	·507	·509	·501	·498	·503	·506	·504	·521	·521	·524	·518	·511	·509	·493	·479	·471	·454	·454	·438	·429	·419	·409	·383	·353	11
12	·321	·291	·260	·238	·215	·198	·188	·184	·193	·199	·213	·203	·200	·205	·210	·201	·201	·211	·221	·221	·235	·218	·208	·189	12
13	·169	·151	·121	·101	·067	·030	·023	·069	·105	·123	·138	·154	·179	·195	·207	·217	·228	·231	·242	·250	·252	·252	·251	·238	13
14	·230	·215	·195	·199	·195	·205	·210	·213	·218	·226	·234	·249	·268	·280	·300	·309	·323	·340	·357	·374	·380	·390	·397	·402	14
15	·407	·410	·409	·405	·417	·418	·425	·432	·434	·438	·444	·452	·454	·450	·438	·437	·434	·434	·435	·434	·424	·426	·418	·406	15
16	·382	·370	·347	·337	·328	·332	·327	·317	·314	·308	·317	·312	·316	·320	·323	·321	·328	·342	·360	·368	·372	·376	·389	·400	16
17	·405	·421	·429	·441	·461	·471	·493	·511	·528	·536	·551	·564	·567	·572	·571	·566	·567	·577	·586	·596	·604	·624	·629	·645	17
18	·663	·677	·687	·707	·724	·734	·749	·766	·773	·783	·786	·796	·810	·813	·822	·823	·831	·841	·862	·881	·898	·903	·911	·906	18
19	·912	·901	·901	·896	·901	·906	·914	·920	·918	·920	·923	·926	·928	·926	·925	·931	·934	·931	·936	·938	·938	·936	·941	·937	19
20	·934	·931	·923	·914	·920	·921	·921	·925	·928	·932	·935	·934	·934	·939	·937	·936	·935	·936	·939	·951	·952	·958	·956	·956	20
21	·958	·956	·954	·953	·948	·950	·952	·956	29·959	29·960	·968	·961	·960	·966	·957	·955	·957	·956	·965	·974	·980	·983	·984	·989	21
22	·983	·980	·976	·972	·973	·979	·982	·992	30·004	30·001	·998	·993	·986	·974	·976	·974	·961	·952	·947	·953	·960	·952	·944	·932	22
23	·922	·916	·897	·879	·873	·872	·864	·866	29·865	29·862	·857	·837	·830	·827	·813	·806	·790	·784	·782	·780	·776	·762	·753	·742	23
24	·727	·715	·700	·687	·680	·673	·663	·652	·653	·639	·632	·612	·602	·587	·584	·562	·547	·549	·544	·542	·527	·513	·504	·488	24
25	·470	·460	·450	·442	·441	·445	·447	·449	·444	·440	·434	·434	·424	·421	·418	·413	·412	·418	·426	·434	·428	·421	·418	·410	25
26	·396	·392	·390	·384	·382	·381	·380	·377	·377	·371	·375	·373	·370	·366	·368	·372	·380	·384	·396	·405	·408	·421	·427	·431	26
27	·432	·438	·442	·444	·446	·456	·466	·470	·474	·472	·472	·478	·477	·468	·456	·463	·456	·455	·452	·454	·460	·457	·452	·452	27
28	·445	·445	·442	·447	·450	·460	·474	·487	·499	·514	·530	·539	·540	·545	·558	·570	·572	·590	·611	·626	·638	·648	·656	·662	28
29	·663	·666	·662	·665	·664	·669	·674	·680	·679	·675	·668	·664	·656	·649	·629	·618	·604	·591	·578	·571	·567	·550	·529	·509	29
30	·485	·459	·434	·428	·410	·404	·400	·394	·379	·369	·363	·348	·351	·352	·353	·356	·363	·364	·360	·352	·343	·331	·333	·364	30
31	29·397	29·423	29·426	29·430	29·448	29·462	29·476	29·496	29·508	29·514	29·534	29·534	29·542	29·563	29·572	29·578	29·597	29·614	29·636	29·656	29·672	29·694	29·708	29·717	31

DRY BULB THERMOMETER 4·1 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	53·7	53·0	51·9	50·5	48·7	51·2	55·0	59·3	60·6	62·4	62·7	63·5	62·9	63·3	62·0	60·3	60·0	60·0	58·3	56·5	55·6	52·6	51·5	50·0
2	49·0	48·3	47·9	47·7	47·3	50·7	54·4	54·3	57·0	57·2	57·1	57·7	57·1	57·9	58·6	57·7	56·9	56·3	56·0	55·6	55·6	55·3	55·4	55·1
3	55·0	54·9	54·6	54·3	53·8	54·2	54·3	54·8	55·1	57·0	58·2	59·1	60·0	58·4	58·6	60·2	62·6	63·5	61·3	57·8	56·5	56·5	57·0	56·9
4	57·1	58·4	58·6	58·2	58·9	61·0	61·6	61·7	61·5	62·4	62·1	61·6	61·7	62·2	62·6	62·0	61·0	60·2	59·7	59·0	58·8	58·6	58·5	58·4
5	58·6	58·9	58·7	58·6	58·4	58·2	58·5	58·5	58·5	59·4	61·5	59·4	59·8	59·7	59·1	59·3	58·7	58·7	58·0	58·0	57·7	57·6	58·1	58·0
6	57·9	57·8	57·6	57·5	57·6	57·4	58·1	58·4	58·4	58·8	59·6	60·1	60·0	58·9	58·7	58·3	58·3	58·3	58·2	58·1	58·5	57·9	57·6	57·4
7	57·4	57·9	57·9	57·6	57·6	58·0	58·0	58·3	59·9	59·2	59·7	59·1	59·7	61·7	61·0	60·2	62·2	61·0	59·9	59·4	59·2	58·8	58·1	58·4
8	57·7	57·2	56·1	54·6	56·0	56·7	59·6	61·1	65·1	66·3	65·3	62·6	65·6	65·6	61·8	63·4	63·6	60·4	60·9	60·9	60·1	59·8	58·8	57·8
9	57·1	56·1	55·4	54·7	55·0	54·6	58·7	60·3	61·7	61·6	62·4	62·4	63·6	63·0	61·0	61·1	59·4	60·6	59·3	57·9	58·0	58·0	57·3	57·0
10	57·2	57·3	57·5	57·3	57·5	58·0	58·0	58·2	57·9	58·8	59·7	60·2	61·4	60·5	60·2	60·1	59·9	58·6	58·1	58·3	55·7	54·8	54·4	54·2
11	54·4	54·2	53·4	52·9	51·1	54·9	56·7	58·0	60·3	62·2	64·9	63·0	65·0	65·7	64·7	67·0	65·4	60·6	60·0	59·5	59·0	58·7	58·4	58·4
12	58·3	58·4	57·8	57·6	57·0	56·6	57·3	60·9	61·8	63·1	65·9	65·7	69·7	68·0	63·6	62·8	67·7	65·3	61·6	59·7	58·1	58·1	57·0	55·6
13	56·0	56·5	56·3	56·0	56·1	55·7	55·8	56·1	56·6	59·6	62·1	62·3	58·6	58·7	59·4	58·6	59·7	60·0	59·6	56·7	55·4	54·0	54·4	53·5
14	51·6	50·2	48·8	49·3	49·0	52·4	56·3	57·7	59·1	59·5	62·3	61·1	62·2	61·6	62·4	62·6	61·9	60·8	59·8	58·7	57·4	56·4	56·0	55·0
15	54·7	54·4	54·9	55·0	55·2	55·3	55·6	55·6	55·6	56·1	55·8	55·5	56·1	54·8	54·3	54·3	54·0	53·5	53·5	53·1	52·9	51·8	51·0	50·7
16	51·4	51·7	53·0	53·3	54·4	54·0	53·0	53·4	52·6	54·6	55·0	56·1	55·8	56·1	54·7	54·6	53·5	51·8	49·3	48·3	48·6	48·6	48·4	47·9
17	47·6	47·9	47·5	48·2	48·6	48·9	50·0	52·3	54·0	55·0	57·2	56·0	58·4	58·4	58·2	56·5	55·5	55·6	54·8	54·0	53·8	54·1	54·5	53·6
18	51·4	48·4	45·6	45·0	45·0	46·7	51·8	57·3	59·8	60·0	62·1	64·0	59·9	61·8	61·0	61·7	59·2	60·0	60·2	60·0	57·8	57·2	56·5	55·0
19	53·8	51·5	51·6	52·0	52·6	54·3	55·1	55·0	55·2	55·4	54·4	52·7	54·0	55·0	54·4	54·3	54·3	54·1	53·7	53·1	52·7	52·3	51·7	51·2
20	50·6	49·0	47·7	46·7	43·9	46·3	52·3	54·8	56·1	55·0	56·1	56·1	55·6	55·8	55·7	55·4	55·1	54·5	54·4	54·0	54·1	53·8	53·7	53·6
21	53·0	52·8	52·8	52·7	52·8	53·3	54·8	56·0	56·1	55·4	55·5	57·1	58·4	57·5	57·5	57·3	55·8	55·5	55·2	55·2	54·7	54·9	54·6	55·0
22	54·1	52·4	53·0	52·0	53·2	54·0	55·7	56·2	56·3	57·2	58·1	58·1	58·6	58·0	58·3	57·8	57·1	56·6	55·6	55·5	54·8	53·8	51·0	47·8
23	47·0	46·9	46·2	45·0	47·4	47·5	50·8	56·5	56·2	56·4	56·6	56·4	56·7	56·7	56·9	56·7	56·2	55·6	54·8	52·8	54·7	55·1	55·2	55·3
24	55·4	55·2	55·2	55·3	55·4	55·7	57·3	57·0	57·1	57·8	57·4	57·4	58·0	57·8	56·0	56·0	56·4	56·7	56·8	56·9	57·0	56·5	56·7	56·0
25	56·9	57·2	56·7	56·6	56·7	56·7	57·2	57·9	59·0	59·7	59·1	58·3	58·7	58·6	58·3	58·4	57·6	57·6	57·6	57·6	57·2	57·5	57·4	57·6
26	57·6	57·1	56·9	57·1	57·3	57·4	57·9	59·3	58·4	59·7	59·4	59·9	59·9	60·9	60·0	58·6	58·0	57·6	57·0	56·6	56·6	56·6	56·3	56·1
27	56·0	55·8	55·9	55·7	56·1	56·2	56·6	56·5	58·5	58·4	58·3	58·0	57·7	58·7	58·8	58·0	57·6	57·8	57·5	56·2	56·3	56·4	56·7	57·0
28	56·7	56·7	57·0	57·2	57·1	56·7	56·6	57·0	57·5	58·2	58·5	59·1	61·2	59·1	58·3	59·0	61·1	58·3	59·3	58·0	55·7	56·8	56·7	56·4
29	56·4	56·4	56·2	55·7	56·2	56·4	57·0	58·0	59·1	59·9	60·0	60·0	59·0	58·9	57·6	57·4	57·1	56·6	56·3	56·4	56·5	56·5	56·6	56·8
30	56·9	57·0	56·7	56·4	56·7	56·7	57·1	57·3	57·1	57·1	58·0	57·6	57·1	57·0	57·3	56·9	56·3	56·3	56·2	56·7	57·3	57·0	57·4	56·6
31	58·8	56·1	57·2	57·7	57·6	57·7	58·1	58·3	58·3	58·8	58·3	59·7	59·3	58·1	57·5	57·1	56·5	56·2	55·6	55·5	55·4	55·2	55·1	54·5

WET BULB THERMOMETER 4·1 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
52·6	52·2	51·0	49·7	47·7	49·8	53·0	56·2	57·7	58·4	58·3	58·5	57·1	57·0	57·6	56·8	57·1	56·9	56·3	55·3	54·5	51·7	51·3	49·7	1
47·9	47·1	46·6	46·4	46·0	48·6	52·7	53·5	54·8	55·0	55·0	54·0	54·1	54·6	54·6	54·6	53·6	53·4	53·7	53·5	53·7	53·6	53·8	53·7	2
53·7	53·5	53·2	53·0	52·4	52·4	52·7	52·9	53·0	53·2	54·0	54·3	55·8	55·0	55·1	56·4	57·4	58·0	56·8	55·1	54·8	55·0	55·3	55·0	3
54·7	55·4	55·6	55·3	55·6	56·8	57·4	57·2	57·3	58·0	58·1	58·3	58·4	58·9	59·0	59·0	58·6	58·0	57·6	57·2	57·1	57·0	57·2	57·2	4
57·4	57·5	57·4	57·4	57·5	57·3	57·5	57·7	57·7	58·4	59·9	58·5	58·7	58·6	58·3	58·4	58·0	58·0	58·0	58·0	57·7	57·5	57·7	57·4	5
57·6	57·7	57·3	57·2	57·2	57·0	57·7	58·1	58·0	58·2	58·9	59·2	59·2	58·9	58·6	58·3	58·3	58·2	58·2	58·1	58·5	57·9	57·5	57·4	6
57·4	57·9	57·0	57·6	57·6	58·0	58·0	58·3	59·8	59·2	59·2	58·7	59·3	60·7	60·0	59·3	60·7	60·2	59·2	58·7	58·0	57·6	56·8	57·0	7
56·6	56·3	55·3	54·0	55·0	55·7	57·8	59·0	61·7	62·2	61·9	59·3	61·0	61·0	59·0	60·5	59·3	58·6	58·7	58·1	57·4	57·0	55·7	55·0	8
54·0	52·6	51·8	52·3	51·4	51·5	53·8	54·5	54·2	56·3	56·0	55·4	54·7	56·0	56·1	56·9	55·8	55·8	55·2	55·2	55·6	55·6	55·7	55·7	9
56·1	56·2	56·1	56·0	56·2	56·8	57·0	57·0	57·2	58·1	58·7	59·0	59·7	59·2	59·0	58·8	58·1	57·8	57·7	57·8	55·1	54·1	53·7	53·5	10
53·5	53·1	52·5	52·1	49·2	51·4	52·1	52·5	52·4	54·3	55·4	55·3	57·5	57·8	57·5	55·7	57·5	55·8	55·6	56·3	55·5	55·4	55·6	55·7	11
56·0	56·4	[illegible]	55·9	56·2	56·0	56·3	58·4	58·0	59·1	61·0	61·2	60·4	59·1	59·0	58·5	57·4	54·4	54·1	52·6	52·7	53·7	54·1	52·8	12
52·8	54·1	53·5	53·3	53·7	54·1	54·0	54·0	54·0	54·1	55·3	55·2	55·0	55·0	55·0	54·4	54·6	55·0	54·8	53·4	52·5	51·5	52·2	51·7	13
50·1	49·0	47·7	48·2	48·1	50·8	52·8	53·6	54·4	54·4	56·0	55·4	56·2	56·3	56·6	55·3	55·7	55·5	55·3	54·8	54·3	54·3	53·7	53·6	14
53·4	53·2	53·5	53·7	54·0	54·0	54·0	53·9	53·6	53·4	53·4	53·4	54·3	52·9	52·1	51·9	51·3	51·8	51·7	52·0	51·2	49·8	50·1	49·8	15
50·5	51·2	52·4	52·4	53·3	53·0	52·7	53·0	52·0	54·0	52·4	54·5	54·0	54·0	52·7	52·9	51·9	50·3	48·4	47·5	47·6	47·6	47·8	47·2	16
46·7	47·0	46·7	47·4	47·7	48·0	48·5	49·5	49·6	49·7	50·6	50·8	53·0	52·0	50·5	51·9	52·0	51·6	52·3	52·1	52·9	53·2	53·6	53·0	17
50·8	48·0	45·3	44·9	44·8	46·2	50·7	54·0	55·0	55·7	56·3	57·3	57·7	57·4	57·6	58·8	57·1	57·6	58·0	56·1	55·7	54·7	54·3	53·2	18
52·0	50·3	50·5	51·0	51·7	52·8	53·6	53·4	53·7	53·6	53·1	51·6	51·8	51·6	50·6	50·6	50·3	50·7	50·5	49·4	49·4	49·3	49·1	48·6	19
48·3	47·3	46·4	45·4	43·3	45·1	47·6	50·3	50·0	50·6	50·3	50·4	50·3	50·4	49·6	49·3	49·1	49·2	48·9	49·0	50·0	50·3	50·0	50·7	20
51·1	50·6	50·4	50·5	50·9	51·3	51·5	52·1	52·7	52·7	52·7	53·5	54·4	54·0	53·7	53·9	53·0	52·5	52·5	52·6	52·2	52·3	52·0	52·4	21
52·2	51·0	51·4	50·8	51·9	52·6	53·6	54·0	54·2	54·6	55·0	54·9	55·0	54·7	54·7	54·6	54·8	55·1	54·6	54·7	54·2	53·4	50·7	47·7	22
47·0	46·8	46·2	45·0	47·2	47·2	50·0	52·0	51·2	50·7	52·0	52·4	52·4	52·3	52·3	52·0	52·6	52·4	51·6	51·7	52·4	52·6	53·0	52·9	23
52·7	51·7	52·7	53·4	53·2	53·4	54·9	54·9	55·0	55·5	56·0	56·2	56·6	56·5	55·4	55·6	56·2	56·3	56·3	56·4	56·4	56·4	56·4	56·5	24
56·4	56·8	56·4	56·4	56·4	56·5	57·0	57·3	58·7	59·0	58·7	58·0	58·3	58·3	58·0	58·4	57·6	57·5	57·5	57·6	57·1	57·3	57·1	57·1	25
57·3	56·9	56·8	56·9	57·1	57·3	57·6	58·7	58·1	58·7	58·4	58·6	58·2	58·6	58·0	57·6	57·4	57·1	56·7	56·4	56·2	56·1	55·7	55·6	26
55·4	55·3	55·3	55·3	55·6	55·7	55·7	55·4	56·8	56·8	56·4	56·6	56·3	57·2	57·3	56·8	56·4	56·5	56·4	55·8	56·0	56·1	56·3	56·4	27
56·4	56·3	56·4	56·4	56·4	56·3	56·2	56·3	56·7	57·2	56·8	57·6	57·0	57·4	56·4	56·6	58·4	56·6	57·1	56·1	54·5	55·3	55·3	55·3	28
55·4	55·5	55·3	55·1	55·6	55·4	55·7	55·6	56·0	55·6	56·0	56·0	56·0	56·5	56·0	55·8	55·6	55·2	54·9	55·0	55·4	55·6	56·0	56·4	29
56·6	56·6	56·4	56·2	56·4	56·6	56·6	56·9	56·7	56·7	57·4	57·4	56·1	56·1	56·3	55·5	55·4	55·4	55·5	55·9	56·1	56·1	56·8	56·3	30
56·0	55·3	56·4	57·0	57·0	57·0	57·1	57·0	56·7	56·4	56·1	56·7	56·4	55·7	55·2	55·0	54·3	54·2	54·2	53·8	53·9	53·8	53·6	53·5	31

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10′N. LONG: 2°6′W.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N}

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1		2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	16	4·5	16	3	16	4	16	4	18	4	19	4	23	3	23	3	11	7·5	11	9·5	12	10·5	12	11	12	9·5	12	11	12	8·5	11	9·5	11	5·5	11	6·5	11	4	11	4	11	7·5	11	7·5	11	10·5			1
2	11	10·5	11	12	28	12	28	12	28	12	28	8·5	31	8·5	2	11	4	12	4	13	4	15	5	14	5	15	4	16	4	16	4	15	3	15	3	12	3	13	2	12	2	9·5	32	8·5	1	9·5			2
3	32	7·5	31	8·5	31	11	32	9·5	1	11	32	10·5	30	9·5	32	13	2	15	31	15	2	19	32	16	4	17	24	4	22	4	17	1	15	32	13	31	11	28	11	27	13	28	11	29	11	29	9·5			3
4	29	10·5	29	9·5	1	12	32	12	32	10·5	1	14	3	15	3	20	3	21	3	20	3	22	3	19	3	19	18	4	20	4	19	2	18	2	18	3	17	2	12	2	9·5	2	10·5	2	9·5	3	11			4
5	3	9·5	6	11	6	7·5	6	6·5	6	8·5	6	14	7	14	7	16	7	14	8	11	8	9·5	10	9·5	9	8·5	12	8	8·5	8	10·5	8	8·5	8	7·5	8	5·5	8	4·5	8	6·5	7	9·5	7	10·5	7	10·5	5
6	7	5·5	7	5·5	6	10·5	6	10·5	4	11	5	10·5	5	9·5	4	10·5	4	8·5	4	8·5	4	9·5	4	7·5	4	7·5	9	9·5	8	8·5	8	7·5	9	5·5	9	6·5	9	7·5	11	4·5	7	8·5	7	9·5	6	9·5			6
7	6	8·5	6	6·5	5	8·5	4	9·5	4	9·5	4	8·5	4	7·5	4	3	4	4·5	5	6·5	12	9·5	12	11	15	10·5	14	13	15	11	15	9·5	15	6·5	15	5·5	15	4	15	10·5	16	9·5	17	7·5	17	9·5			7
8	16	8·5	16	8·5	16	4·5	16	5·5	16	7·5	16	4	16	6·5	16	5·5	16	8·5	15	9·5	18	5·5	18	6·5	16	6·5	26	11	25	11	25	19	25	17	24	8·5	24	8·5	24	5·5	25	6·5	25	4·5	25	4·5			8
9	25	5·5	24	5·5	24	5·5	24	2	24	2	24	2	24	3	22	4	21	4·5	13	9·5	14	16	13	16	13	15	13	13	13	15	13	13	15	13	15	9·5	15	8·5	15	10·5	15	9·5	15	6·5	15	5·5			9
10	15	4	15	4·5	14	9·5	14	6·5	14	7·5	14	9·5	14	14	14	14	13	13	13	18	13	17	13	16	13	17	14	17	13	18	13	13	14	11	14	6·5	14	4·5	14	5·5	30	6·5	32	5·5	31	6·5	29	7·5	10
11	28	5·5	27	8·5	27	4·5	27	3	26	6·5	25	7·5	25	11	23	10·5	24	13	22	9·5	18	8·5	13	13	14	15	13	15	14	16	13	15	15	16	16	16	12	15	13	15	12	15	15	14	13	15	16			11
12	14	19	14	17	13	15	14	18	14	19	14	18	14	16	15	11	16	9·5	18	10·5	15	16	15	12	25	10·5	25	14	7·5	6	12	20	19	20	18	20	17	19	11	21	8·5	16	9·5	15	13	15	12			12
13	15	8·5	15	12	15	16	15	15	14	17	14	16	22	13	23	18	23	19	24	26	24	26	25	24	25	15	25	13	26	10·5	25	5·5	25	7·5	24	5·5	24	4	20	4	21	4·5							13
14	21	3	21	4	25	10·5	23	5·5	23	4·5	23	4·5	25	11	26	12	26	15	26	13	27	16	27	17	28	15	27	14	28	11	29	8·5	30	6·5	30	4	30	4·5	30	3	30	4·5	30	4·5					14
15	30	4	30	4	30	4	30	4	30	3	30	4	3	9·5	5	10·5	5	11	6	12	7	11	7	11	6	10·5	6	15	6	14	5	12	5	11	5	13	5	9·5	6	12	7	13	8	12	7	16			15
16	4	17	3	18	5	22	5	21	6	19	6	22	5	25	4	26	1	17	30	14	7	22	5	25	3	24	22	32	14	31	16	29	16	27	18	26	20	26	22	27	22	27	22	26	19	27	20			16
17	26	18	27	13	27	16	27	13	26	14	27	12	27	12	26	13	26	13	26	7·5	26	5·5	16	8·5	14	13	15	14	15	14	14	14	13	14	11	14	11	14	12	14	8·5	14	3	14	3	14	2			17
18	14	3	22	4	22	6·5	23	6·5	23	7·5	24	5·5	24	4	24	3	22	6·5	12	7·5	12	9·5	12	10·5	11	9·5	10·5	13	4·5	9	5·5	7	4·5	7	2	7	3	32	6·5	32	3	32	4·5	32	4	32	5·5			18
19	27	6·5	27	7·5	27	7·5	27	6·5	27	7·5	27	4·5	27	3	2	5·5	2	4·5	5	6·5	8	13	6	11	6	12	5	11	5	9·5	5	6·5	5	6·5	5	7·5	5	4	5	6·5	5	4	1	5·5					19
20	32	5·5	29	6·5	29	9·5	28	7·5	28	8·5	28	11	28	6·5	30	6·5	4	7·5	6	10·5	7	9·5	8	11·	8	9·5	9	7·5	9	7·5	10	6·5	10	4·5	10	4·5	10	4	10	3	10	4	10	4	10	2	10	2	20
21	10	2	10	2	10	2	10	3	10	2	10	2	14	4·5	17	5·5	18	5·5	10	7·5	9	7·5	11	9·5	12	10·5	9	5	10	10·5	8	11	8	14	10	12	10	8·5	9	9·5	9	8·5	10	10·5	9	7·5	9	3			21
22	9	3	30	4	29	4	29	4·5	29	4·5	29	4	10	7·5	10	8·5	10	10·5	10	12	11	15	9	11	9	14	14	11	13	10	11	13	10·5	10	9·5	11	7·5	11	8·5	11	5·5	11	5·5	11	4	11	7·5			22
23	11	8·5	11	8·5	11	9·5	11	9·5	16	5·5	24	7·5	24	5·5	9	13	8	18	9	10·5	10	9·5	8	19	7	17	20	7	16	8	18	7	23	7	21	7	17	6	14	7	22	6	18	7	19	7	20			23
24	6	18	6	20	6	18	6	17	6	18	5	18	4	19	4	18	3	19	4	19	4	22	3	18	4	17	17	7	19	5	16	6	18	7	17	6	17	6	16	5	15	6	13	6	12	6	11			24
25	6	12	6	12	8	6·5	8	4	8	4	8	4·5	8	4·5	8	4	8	11	9	9·5	8	8·5	8	6·5	8	8·5	9	5·5	8	8·5	9	9·5	9	7·5	9	5·5	9	4·5	9	4	9	3	9	4	9	2			25
26	9	2	7	5·5	4	5·5	4	3	4	3	4	1·5	4	3	4	3	4	4	4	4	4	4	4	4·5	4	4	7	5·5	9	8·5	9	8·5	7	4·5	4	6·5	4	4·5	4	9·5	4	8·5	4	4·5	4	5·5	4	5·5	26
27	4	4·5	4	3	4	2	4	2	4	1·5	4	3	4	4	11	4·5	11	5·5	14	9·5	11	11	12	12	12	9·5	9·5	12	7·5	12	9·5	12	5·5	12	6·5	14	5·5	14	4	14	4·5	14	4·5	14	3	14	1·5	27
28	14	3	14	2	14	3	14	2	14	3	14	4·5	14	4·5	23	6·5	24	6·5	32	8·5	32	8·5	32	5·5	29	6·5	5·5	6	4·5	6	4	6	3	10	5·5	10	3	5	4·5	5	5·5	31	4·5	28	6·5	28	6·5	28
29	28	6·5	28	7·5	28	4	28	3	28	4·5	28	5·5	28	7·5	28	5·5	28	5·5	28	3	7	5·5	9	7·5	10	8·5	8·5	9	10·5	8	10·5	8	9·5	7	9·5	6	6·5	6	9·5	6	10·5	4	12	4	15	4	16	29
30	5	17	4	17	4	20	4	17	3	17	3	18	3	19	4	18	4	21	3	21	2	25	2	26	3	23	2·5	2	25	2	23	1	19	32	17	30	18	30	22	32	23	29	21	32	21	4	21	30
31	5	19	3	11	31	9·5	32	12	1	17	32	15	32	14	32	18	29	16	29	19	28	24	28	24	29	28	23	27	29	27	26	28	28	27	29	28	24	27	26	28	24	27	23	27	23	27	23			31

HOURLY VALUES August 1878.

AND VELOCITY IN MILES PER HOUR.

DAYS	2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	12	9·5	12	11	12	8·5	11	9·5	11	5·5	11	6·5	11	4	11	4	11	7·5	11	7·5	11	10·5	1
2	15	4	16	4	16	4	15	3	15	3	12	3	13	2	12	2	9·5	32	8·5	1	9·5		2
3	24	4	22	4	17	1	15	32	13	31	11	28	11	27	13	28	11	29	11	29	9·5		3
4	18	4	20	4	19	2	18	2	18	3	17	2	12	2	9·5	2	10·5	2	9·5	3	11		4
5	17	8	8·5	8	10·5	8	8·5	8	7·5	8	5·5	8	4·5	8	6·5	7	9·5	7	10·5	7	10·5		5
6	16	9	8·5	8	7·5	9	5·5	9	6·5	9	7·5	11	4·5	7	8·5	7	9·5	6	9·5				6
7	15	14	13	15	11	15	9·5	15	6·5	15	5·5	15	4	15	10·5	16	9·5	17	7·5	17	9·5		7
8	16	26	11	25	11	25	19	25	17	24	8·5	24	8·5	24	5·5	25	6·5	25	4·5	25	4·5		8
9	15	13	13	13	15	13	13	15	13	15	9·5	15	8·5	15	10·5	15	9·5	15	6·5	15	5·5		9
10	14	13	14	6·5	14	4·5	14	5·5	30	6·5	32	5·5	31	6·5	29	7·5							10
11	13	15	14	16	13	15	15	16	16	16	12	15	13	15	12	15	15	14	13	15	16		11
12	25	10·5	25	7·5	14	7·5	6	12	20	19	20	18	20	17	19	11	21	8·5	16	9·5	15	13	12
13	25	21	22	24	18	25	15	25	13	26	10·5	25	5·5	25	7·5	24	5·5	24	4	20	4	21	4·5	13
14	28	15	27	14	28	11	29	8·5	30	6·5	30	4	30	4·5	30	3	30	4·5	30	4·5			14
15	13	14	6	15	6	14	5	12	5	11	5	13	5	9·5	6	12	7	13	8	12	7	16	15
16	22	32	14	31	16	29	16	27	18	26	20	26	22	27	22	27	22	26	19	27	20		16
17	15	14	15	14	14	14	13	14	11	14	11	14	12	14	8·5	14	3	14	3	14	2		17
18	10·5	13	4·5	9	5·5	7	4·5	7	2	7	3	32	6·5	32	3	32	4·5	32	4	32	5·5		18
19	1	5	11	5	9·5	5	6·5	5	6·5	5	7·5	5	4	5	6·5	5	4	1	5·5				19
20	7	5	9	7·5	10	6·5	10	4·5	10	4·5	10	4	10	3	10	4	10	2	10	2			20
21	9	5	10	10·5	8	11	8	14	10	12	10	8·5	9	9·5	9	8·5	10	10·5	9	7·5	9	3	21
22	14	11	13	10	11	13	10·5	10	9·5	11	7·5	11	8·5	11	5·5	11	5·5	11	4	11	7·5		22
23	20	7	16	8	18	7	23	7	21	7	17	6	14	7	22	6	18	7	19	7	20		23
24	17	7	19	5	16	6	18	7	17	6	17	6	16	5	15	6	13	6	12	6	11		24
25	9·5	8	5·5	8	8·5	9	9·5	9	7·5	9	5·5	9	4·5	9	4	9	3	9	4	9	2		25
26	5·5	9	8·5	9	8·5	7	4·5	4	6·5	4	4·5	4	9·5	4	8·5	4	4·5	4	5·5	4	5·5		26
27	9·5	12	7·5	12	9·5	12	5·5	12	6·5	14	5·5	14	4	14	4·5	14	4·5	14	3	14	1·5		27
28	5·5	6	4·5	6	4	6	3	10	5·5	10	3	5	4·5	5	5·5	31	4·5	28	6·5	28	6·5		28
29	8·5	9	10·5	8	10·5	8	9·5	7	9·5	6	6·5	6	9·5	6	10·5	4	12	4	15	4	16		29
30	2·5	2	25	2	23	1	19	32	17	30	18	30	22	32	23	29	21	32	21	4	21		30
31	23	27	29	27	26	28	28	27	29	28	24	27	26	28	24	27	23	27	23	27	23		31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1																									1
2		DEW 005					DEW 005																		2
3																									3
4																									4
5						010			010																5
6			DEW 005																						6
7			010				005	005					040	005				005							7
8					005						020					020		010							8
9				005																					9
10									010									020	100	215	385	060	025		10
11																									11
12					010	010																			12
13					005	050	025						050	015									006		13
14																									14
15	005				005									020	025	005	010	015	035	050	035	050	055	055	15
16	075	025	010	025	035	030	195	170	015	025											010		005	010	16
17	015	005	025	010	005	005														005					17
18		005											010		010										18
19											005	015								005					19
20																									20
21																									21
22																									22
23			005		005															020					23
24														035	055	050	010	020			035	015	010		24
25		005	005																005	005					25
26							005										045			005	010			005	26
27																									27
28					010			010	020	065	010														28
29																									29
30	020	010	005	055	065	025	020	050	110	065	015	165	080	040	005	010	025	030	130	100	005	015	020	005	30
31				045	030		005																		31
	075	070	060	140	175	130	255	235	165	155	050	180	180	080	075	090	130	090	285	405	485	140	120	070	
	4	5	6	5	10	6	6	4	4	4	2	4	4	4	4	4	4	6	4	8	7	4	6	4	

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	380	362	347	319	340	375	409	436	434	427	423	391	384	416	413	426	420	426	421	410	372	376	353	1
2	308	300	297	294	316	375	399	399	403	404	370	379	384	375	386	368	371	383	382	388	389	393	394	2
3	390	386	384	374	369	376	375	374	356	364	361	390	388	388	404	403	409	402	398	406	412	414	406	3
4	399	402	398	397	405	415	408	413	427	429	441	443	460	448	456	458	460	445	442	441	442	450	451	4
5	454	453	454	461	457	460	466	466	474	492	478	478	477	476	476	472	472	482	482	477	473	471	463	5
6	476	466	464	463	459	471	479	476	477	488	490	492	498	488	487	487	483	486	484	491	480	474	472	6
7	480	480	475	475	482	482	487	513	504	497	488	500	515	503	492	507	510	494	484	464	458	443	445	7
8	440	427	409	419	430	453	469	499	499	503	467	470	470	459	485	445	466	462	443	434	426	402	396	8
9	354	340	360	347	341	353	354	331	384	368	353	325	361	386	406	397	383	382	400	410	410	421	426	9
10	436	431	430	434	445	461	448	458	473	480	482	487	485	482	477	457	467	471	471	426	409	403	400	10
11	389	383	378	327	336	333	330	305	328	330	344	379	378	382	319	376	383	385	410	394	395	404	407	11
12	427	427	423	440	440	439	452	429	445	465	474	405	390	436	432	351	305	329	315	334	359	380	364	12
13	387	374	373	382	404	393	390	382	351	354	349	385	384	376	369	362	369	368	365	358	347	361	369	13
14	332	317	323	325	350	356	360	363	359	369	367	375	384	384	348	366	373	379	379	381	393	383	392	14
15	380	390	395	401	399	396	393	385	374	377	381	398	375	360	354	342	362	359	373	353	333	351	347	15
16	370	386	381	391	388	394	397	380	409	360	404	393	390	371	377	364	346	328	318	318	318	325	315	16
17	310	309	317	320	323	325	319	301	295	294	313	337	314	284	332	334	334	359	363	388	393	399	394	17
18	330	299	297	294	307	366	374	371	387	379	384	446	411	427	454	436	441	460	398	415	395	392	381	18
19	350	353	361	372	378	391	386	393	388	386	367	355	339	321	322	315	326	326	307	312	314	317	311	19
20	305	299	288	273	285	322	311	294	316	301	303	305	305	289	284	281	288	283	288	309	320	314	332	20
21	340	335	339	348	351	339	343	357	363	363	363	372	372	365	371	367	358	360	363	358	368	353	359	21
22	365	358	356	368	377	384	388	393	392	392	389	385	385	381	385	398	414	413	418	412	403	366	330	22
23	319	313	299	322	321	351	334	319	308	332	345	334	338	338	331	352	354	341	369	363	364	373	369	23
24	340	365	383	377	378	398	402	404	410	429	435	439	439	431	437	449	448	446	448	446	454	451	462	24
25	446	451	452	451	455	462	461	490	490	489	477	482	483	478	489	475	473	473	475	465	467	462	461	25
26	461	461	461	464	468	471	485	479	480	474	474	461	459	453	461	463	460	456	452	446	443	435	435	26
27	432	429	432	436	437	431	424	437	439	429	439	434	447	448	445	438	439	440	440	444	446	448	446	27
28	448	446	443	445	448	446	447	449	454	438	454	408	447	429	424	450	434	435	424	409	417	418	422	28
29	428	425	426	434	425	425	410	406	386	395	395	407	423	426	423	421	417	412	413	424	430	440	449	29
30	453	451	449	451	455	462	458	455	455	463	469	436	437	439	421	427	427	431	436	433	437	453	449	30
31	427	443	454	456	455	452	446	437	422	420	419	416	412	405	404	392	394	402	392	395	395	391	396	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N LONG 5° 4' W

HOURLY VALUES August 1878.

BAROMETER.

CISTERN 21 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·061	30·053	30·033	30·033	30·029	30·029	30·031	30·019	30·007	29·999	30·001	29·985	29·967	29·949	29·913	29·885	29·871	29·857	29·851	29·853	29·837	29·831	29·835	29·819	1
2	29·803	29·779	29·759	29·743	29·740	29·749	29·740	29·740	29·739	·725	29·723	·725	·705	·685	·677	·673	·651	·645	·645	·647	·647	·635	·624	·613	2
3	·601	·591	·577	·563	·539	·532	·517	·517	·607	·502	·511	·511	·518	·517	·511	·511	·511	·521	·518	·529	·539	·545	·549	·557	3
4	·557	·551	·549	·541	·544	·555	·564	·564	·571	·571	·571	·571	·565	·561	·561	·557	·549	·547	·550	·561	·565	·567	·569	·559	4
5	·553	·549	·547	·537	·535	·535	·549	·559	·565	·573	·578	·584	·584	·579	·571	·560	·550	·544	·544	·542	·541	·524	·512	·502	5
6	·488	·470	·456	·439	·436	·431	·428	·431	·431	·436	·440	·444	·452	·454	·452	·454	·458	·474	·487	·505	·524	·528	·532	·538	6
7	·538	·537	·540	·542	·552	·564	·582	·600	·618	·626	·640	·646	·658	·668	·674	·682	·698	·712	·724	·742	·764	·771	·786	·796	7
8	·802	·808	·814	·818	·830	·846	·864	·890	·898	·904	·921	·931	·930	·931	·936	·939	·941	·939	·934	·944	·954	·960	·956	·954	8
9	·931	·921	·911	·901	·890	·890	·884	·862	·850	·840	·832	·827	·792	·772	·741	·731	·692	·679	·661	·654	·641	·597	·571	·552	9
10	·529	·504	·480	·457	·461	·447	·442	·439	·437	·442	·451	·459	·469	·481	·499	·528	·546	·566	·588	·608	·630	·646	·654	·668	10
11	·672	·668	·668	·664	·654	·658	·652	·662	·658	·652	·636	·631	·618	·612	·584	·558	·531	·492	·472	·454	·440	·420	·403	·364	11
12	·329	·312	·324	·334	·339	·346	·356	·381	·386	·399	·421	·437	·461	·467	·475	·489	·499	·503	·515	·535	·541	·536	·541	·537	12
13	·537	·533	·525	·517	·515	·515	·515	·515	·505	·491	·483	·475	·459	·451	·427	·402	·357	·325	·284	·229	·181	·159	·167	·189	13
14	·194	·207	·217	·234	·247	·271	·287	·303	·323	·344	·366	·380	·395	·425	·433	·437	·448	·452	·460	·468	·476	·478	·480	·486	14
15	·480	·466	·456	·445	·442	·436	·432	·426	·416	·406	·395	·382	·370	·354	·340	·328	·303	·285	·278	·260	·248	·235	·218	·216	15
16	·204	·198	·188	·185	·188	·204	·222	·243	·264	·288	·304	·320	·336	·360	·374	·404	·420	·444	·462	·490	·520	·546	·570	·594	16
17	·610	·626	·636	·652	·670	·701	·720	·744	·764	·780	·786	·806	·816	·810	·812	·818	·822	·822	·837	·852	·862	·869	·878	·870	17
18	·868	·864	·862	·859	·859	·859	·859	·868	·866	·858	·859	·852	·839	·820	·812	·799	·789	·756	·749	·730	·718	·706	·704	·684	18
19	·669	·652	·630	·606	·599	·606	·612	·620	·620	·626	·634	·637	·644	·644	·644	·650	·650	·654	·664	·672	·674	·676	·672	·659	19
20	·652	·650	·639	·624	·612	*	*	†·621	*	·630	·650	·643	·643	·653	·655	·655	·653	·657	·673	·700	·715	·725	·731	·733	20
21	·750	·731	·727	·731	·727	·735	·740	·743	·751	·753	·747	·747	·741	·741	·736	·733	·721	·714	·706	·711	·709	·699	·689	·671	21
22	·658	·649	·641	·609	·594	·586	·576	·556	·547	·539	·535	·509	·488	·486	·483	·459	·449	·429	·427	·425	·416	·401	·387	·369	22
23	·348	·329	·319	·296	·285	·279	·280	·277	·269	·273	·284	·280	·280	·276	·273	·268	·268	·264	·273	·284	·294	·300	·296	·294	23
24	·288	·293	·284	·276	·274	·276	·280	·284	·288	·296	·318	·308	·315	·318	·310	·316	·316	·338	·342	·352	·358	·356	·352	·350	24
25	·350	·340	·336	·344	·340	·346	·342	·346	·346	·342	·338	·335	·326	·322	·304	·300	·292	·295	·282	·280	·272	·266	·268	·252	25
26	·245	·240	·240	·242	·240	·256	·260	·268	·276	·298	·308	·312	·322	·332	·339	·337	·342	·352	·358	·370	·378	·390	·394	·399	26
27	·400	·402	·402	·402	·407	·418	·428	·437	·440	·435	·434	·437	·437	·434	·425	·421	·419	·415	·411	·425	·435	·463	·465	·479	27
28	·481	·484	·491	·491	·503	·515	·521	·541	·555	·569	·579	·593	·603	·599	·597	·595	·591	·587	·591	·581	29·553	29·557	29·531	·611	28
29	·501	·439	·399	·367	·341	·299	·291	·291	·295	·289	·283	·280	·275	·252	·225	·191	·162	·117	·077	·039	28·988	28·958	28·975	·043	29
30	·090	·130	·167	·189	·217	·227	·245	·255	·277	·301	·321	·338	·351	·363	·375	·385	·411	·423	·433	·449	29·455	29·469	29·476	·483	30
31	29·491	29·499	29·501	29·505	29·513	29·533	29·555	29·569	29·593	29·615	29·630	29·648	29·656	29·670	29·680	29·692	29·706	29·720	29·737	29·757	29·766	29·782	29·786	29·788	31

DRY BULB THERMOMETER ..11.. FEET ABOVE GROUND.

WET BULB THERMOMETER ..11.. FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	60·5	61·0	60·7	60·2	60·0	59·8	60·2	60·7	61·7	61·9	62·1	61·9	61·9	62·3	62·7	62·9	63·0	62·8	62·3	61·9	61·7	61·4	61·0	60·8	1
2	60·7	60·8	60·3	60·0	59·8	58·5	57·6	58·8	56·9	57·3	60·0	61·9	64·0	64·3	65·0	63·9	64·2	64·4	64·2	63·1	61·8	61·0	59·9	59·3	2
3	59·2	58·0	57·0	55·3	56·8	58·5	59·1	61·9	64·0	65·7	64·3	64·1	63·0	64·4	64·2	65·0	63·6	59·3	60·1	59·6	58·3	58·2	58·2	58·5	3
4	58·2	57·0	56·3	55·4	55·5	54·0	57·0	60·8	63·1	64·0	65·0	65·2	66·1	66·1	67·9	67·4	67·3	66·3	64·2	61·9	60·2	59·5	59·3	59·9	4
5	59·9	60·8	60·1	60·0	59·9	60·0	60·8	63·3	65·1	64·0	64·2	64·2	66·0	65·3	66·4	65·0	64·0	63·5	62·7	62·0	61·9	61·6	61·3	61·2	5
6	61·7	...	...	*	*	...	...	62·4	64·5	65·7	64·6	64·4	66·0	66·9	69·7	69·2	68·0	66·1	64·9	63·2	62·2	61·3	61·0	61·0	6
7	60·7	60·2	61·1	61·0	60·9	62·0	63·2	65·4	64·8	66·0	69·7	69·0	70·0	69·0	69·9	67·3	66·0	65·0	64·8	63·3	62·2	61·7	61·5	61·0	7
8	60·2	60·0	59·9	59·9	59·7	59·6	62·3	65·0	67·0	68·9	70·3	72·0	72·0	71·8	71·2	70·3	69·7	67·4	67·0	65·6	64·0	63·0	62·0	62·0	8
9	60·8	60·1	61·0	61·3	61·3	62·4	63·6	64·1	64·5	66·0	65·8	67·0	65·6	65·0	64·3	64·2	63·9	63·4	63·3	62·7	63·0	63·4	63·3	63·3	9
10	63·0	63·2	62·8	63·2	63·2	63·2	63·6	65·0	66·7	66·8	70·5	66·6	66·2	66·5	66·5	66·4	65·4	64·9	63·5	61·7	60·7	60·2	60·0	60·0	10
11	59·0	58·5	57·0	56·8	56·9	56·9	60·5	63·6	63·6	65·4	64·5	61·8	62·9	61·9	62·0	63·1	63·2	61·4	61·4	61·0	59·7	59·6	59·7	59·7	11
12	60·3	61·4	60·8	60·7	60·2	60·3	62·8	61·0	64·8	66·5	67·8	65·5	66·0	66·6	67·0	65·7	65·3	64·4	62·4	60·0	59·5	59·9	60·0	60·0	12
13	59·6	60·3	60·2	59·7	60·5	60·7	60·9	61·1	61·7	61·5	62·7	63·3	63·4	61·7	63·0	62·0	61·2	60·2	60·1	60·1	61·3	63·0	62·7	62·3	13
14	62·6	62·2	61·2	60·0	60·0	59·9	62·0	63·2	65·6	65·4	67·1	67·0	68·3	67·7	67·8	68·0	66·6	66·0	63·5	62·7	61·4	60·2	59·3	58·5	14
15	58·9	59·4	58·0	57·2	56·7	57·2	60·0	62·3	64·6	64·6	65·5	65·3	66·0	65·6	65·0	61·5	61·6	61·2	59·8	59·1	59·7	59·2	58·4	57·4	15
16	56·7	56·3	56·2	56·0	56·0	56·9	59·7	60·0	62·6	63·1	61·5	61·3	62·6	62·7	62·0	61·0	61·4	61·0	59·7	58·4	57·5	57·0	57·0	57·6	16
17	56·3	55·6	54·5	54·7	54·6	54·6	57·0	60·4	62·1	64·0	65·7	63·7	66·2	66·5	66·3	66·9	65·0	63·3	61·5	59·5	58·5	58·1	58·7	57·0	17
18	56·9	56·2	56·3	56·3	56·5	56·4	57·9	58·8	61·7	63·0	63·6	63·5	64·4	63·6	64·4	63·8	62·8	62·1	60·0	59·0	58·6	58·2	59·7	59·5	18
19	59·6	59·8	59·6	59·1	59·4	58·6	60·1	61·0	62·4	63·6	65·1	66·0	67·2	66·6	66·4	66·0	64·7	63·2	62·1	61·7	61·6	61·7	61·7	61·2	19
20	60·7	61·0	61·1	61·2	60·7	61·0	61·1	61·6	62·7	62·4	63·2	64·0	63·0	62·0	62·4	63·3	63·2	63·1	61·4	61·0	61·0	60·9	60·9	60·4	20
21	59·2	58·9	58·8	58·2	57·6	57·0	59·0	61·5	64·0	66·0	65·9	65·5	64·0	64·7	64·4	64·7	64·7	64·7	62·0	61·9	61·3	60·7	60·6	60·9	21
22	61·2	60·9	61·0	60·8	61·3	61·5	61·4	62·3	62·3	62·6	62·3	62·5	62·0	60·7	59·0	58·8	59·5	58·7	58·9	59·7	60·3	60·3	60·0	60·1	22
23	60·3	60·5	59·6	58·5	57·9	58·0	59·3	61·7	62·9	63·7	64·2	64·5	64·8	65·1	64·5	63·9	64·5	64·5	63·0	61·0	61·4	60·6	60·6	60·0	23
24	59·0	59·0	59·3	59·4	59·6	60·0	61·5	63·2	64·3	63·7	65·7	66·9	63·9	62·2	62·5	62·8	61·4	60·4	59·9	59·4	59·6	58·6	58·2	59·2	24
25	58·3	57·9	58·7	58·6	58·4	58·0	58·3	60·3	62·0	63·0	64·5	65·1	65·3	64·6	65·0	65·0	63·7	62·7	61·4	61·0	61·0	60·9	60·7	60·6	25
26	61·0	61·0	60·9	60·3	59·7	59·9	60·1	60·7	61·7	62·0	62·6	63·3	63·6	63·4	66·9	66·6	65·7	63·7	62·8	61·7	61·0	61·0	62·4	62·0	26
27	61·7	61·3	61·4	61·3	60·7	59·4	61·0	62·6	63·9	64·0	63·9	64·7	65·0	65·7	66·0	65·0	64·1	63·1	60·4	61·1	60·8	60·3	59·7	59·7	27
28	59·9	60·0	59·8	60·0	60·0	60·0	61·5	59·6	62·5	64·4	65·7	66·5	67·4	67·0	67·3	66·2	65·0	64·2	62·5	62·1	61·7	61·6	61·4	61·0	28
29	61·0	61·0	60·5	60·5	61·0	61·1	61·6	63·2	64·0	63·6	63·7	65·3	64·5	65·0	62·7	62·6	59·5	58·3	60·0	59·8	59·2	59·7	59·0	59·0	29
30	57·7	58·0	57·6	57·4	57·0	56·2	58·5	60·3	60·7	63·0	61·0	63·2	63·3	62·6	62·6	61·4	61·1	60·3	59·9	59·8	59·4	59·4	59·2	59·0	30
31	58·6	58·0	58·0	58·1	58·3	58·5	59·4	60·5	61·4	63·2	62·2	62·7	63·5	64·0	63·7	63·6	62·8	61·9	60·5	60·4	60·2	60·0	60·4	59·9	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50°9' N. LONG: 5°4' W.

WIND DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	MIDT. D	MIDT. V
1	9	18	9	23	9	30	9	29	9	29	9	28	9	25	9	24	9	28	9	28	8	29	7	27	7	29
2	6	17	6	27	7	30	7	30	7	32	7	29	7	30	7	25	8	23	8	18	7	20	8	18	9	17
3	2	15	2	11	31	12	31	15	31	15	32	16	31	21	31	21	1	20	3	21	2	17	2	12	9	55
4	6	4	6	3	6	4	6	3	6	2	2	4	2	3	2	3	2	4.5	15	8.5	13	9.5	13	11	15	15
5	18	9.5	18	8.5	18	5.5	18	3	18	1.5	18	2	18	6.5	15	14	15	14	14	14	14	19	14	13	13	12
6	8	11	8	14	7	16	7	15	8	13	8	8.5	8	8.5	8	5.5	8	5.5	13	7.5	14	5.5	22	7.5	27	5.5
7	21	7.5	19	10.5	19	7.5	19	10.5	19	7.5	20	11	22	15	22	14	22	16	21	14	21	20	21	21	21	28
8	23	11	23	9.5	23	9.5	23	11	23	11	23	8.5	23	9.5	24	11	24	8.5	22	8.5	22	13	21	10.5	21	14
9	22	15	22	15	16	5.5	16	10.5	15	10.5	15	11	15	11	11	15	11	19	11	18	10	21	10	18	10	18
10	16	11	18	12	17	12	17	12	19	11	19	8.5	19	5.5	20	8.5	23	9.5	23	9.5	25	16	26	16	27	23
11	25	15	25	14	25	15	25	10.5	24	10.5	23	9.5	23	9.5	21	14	21	17	20	16	18	21	19	22	18	24
12	18	30	21	23	23	17	23	14	23	14	22	16	22	20	23	14	22	21	21	23	22	23	26	19	26	18
13	23	13	22	17	22	17	23	17	22	20	21	20	21	18	20	16	19	17	18	19	18	20	18	21	19	24
14	23	28	23	28	25	29	24	23	24	17	23	13	24	15	23	16	26	22	25	28	25	33	25	28	25	31
15	23	13	22	12	22	11	22	11	22	10.5	22	11	21	11	20	12	18	12	19	15	16	19	17	19	16	19
16	17	5.5	17	3	17	3	17	4.5	22	9.5	25	9.5	26	10.5	27	12	27	16	27	16	27	19	27	18	27	19
17	26	11	26	11	23	12	24	13	24	13	24	14	24	9.5	23	14	23	15	22	17	21	23	22	19	27	24
18	22	10.5	22	8.5	22	3	22	4	22	2	22	2	22	1.5	22	1.5	16	2	16	5.5	12	9.5	12	6.5	12	7.5
19	32	12	1	14	1	9.5	32	11	2	8.5	2	6.5	2	4	2	4.5	2	10.5	4	11	5	13	6	12	6	6.5
20	22	3	14	7.5	11	10.5	11	13	8	14	10	18	11	21	12	16	12	17	16	14	16	15	16	13	15	12
21	24	15	24	7.5	24	7.5	24	8.5	24	10.5	24	6.5	24	5.5	24	4.5	20	7.5	16	10.5	15	15	15	12	14	13
22	11	25	12	24	12	21	11	27	11	26	11	28	10	29	10	33	10	33	10	28	10	35	10	34	10	37
23	11	10.5	13	10.5	15	5.5	15	5.5	15	2	15	2	15	4	15	4	13	7.5	13	6.5	12	8.5	12	6.5	12	8.5
24	27	10.5	26	9.5	27	8.5	27	9.5	27	11	26	15	26	13	25	14	26	12	27	12	27	16	26	13	26	13
25	25	8.5	25	11	25	9.5	26	7.5	26	6.5	26	4.5	26	4	26	4	23	5.5	23	6.5	14	12	14	13	15	14
26	10	11	10	9.5	7	11	7	10.5	5	7.5	5	7.5	5	5.5	5	5.5	7	4.5	7	5.5	10	6.5	12	11	14	10.5
27	18	9.5	18	6.5	18	6.5	18	7.5	20	7.5	20	7.5	20	13	20	13	17	16	18	15	20	25	19	25	19	27
28	20	18	19	18	20	17	20	19	20	19	21	20	21	20	22	20	22	21	22	22	22	22	22	20	21	20
29	11	13	8	16	9	23	9	20	8	18	11	26	14	22	18	21	18	18	17	15	17	22	17	26	16	25
30	26	22	26	23	25	20	25	14	22	10.5	22	11	22	7.5	25	11	26	14	26	16	25	19	24	19	24	21
31	24	15	24	16.	24	16	24	14	24	15	25	14	26	17	26	19	26	23	26	20	26	20	26	23	26	22

1 day RAINFALL. GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.240	.220	.	.	.	.	.
4	.	.	.	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.020	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.005	.	.	.	.005	.	.005	.015	.	.160	.	.	.	.	.	.	.	.	.	.	.005	.	.
7	.	.	.010	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.045	.020	.065	.020	.025	.005
11	.	.	.	.	.	.	.	.	.	.005	.	.005	.010	.	.	.	.050	.	.	.075	.095	.260	.240	.
12	.080	.030	.	.	.	.	.045	.015	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.010	.015	.	.	.	.	.010	.025	.085	.110	.080	.090	.060	.060	.010	.010	.
14	.005	.010	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.
15	.	.010	.	.005	.	.005	.	.	.	.	.	.	.	.	.050	.025	.	.065	.	.060	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.	.010	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.005	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.005	.040	.	.	.005	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020
21	.005	.025	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.070	.275	.055	.060	.070	.185	.075	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.010	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.010	.025	.010	.	.	.	.065	.	.005	.	.	.	.	.	.	.	.	.	.
27	.	.	.005	.	.	.	.	.	.100	.	.	.	.	.	.	.	.	.	.060	.060	.	.	.275	.
28	.	.	.	.	.	.135	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.005	.	.
29	.	.	.005	.	.	.015	.040	.	.005	.010	.010	.	.	.	.	.	.	.040	.210	.080	.010	.050	.	.
30	.	.	.	.	.	.	.	.070	.060	.	.005	.	.	.	.	.	.	.	.005	.020	.	.	.	.
31	.010	.010	.	.020	.	.030	.005	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
280	100	090	030	030	4v	670	100	135	110	140	205	030	075	105	030	100	140	240	185	710	240	325	210	295	280
	5v	4v	6	5	3	16	6	8	6	4	4	2	4	4	4	7	6	9	6v	1v	4v	3v	6v	

* Record defective or Instrument out of action. † Obtained from reading of Standard.

HOURLY VALUES August 1878.

AND VELOCITY IN MILES PER HOUR

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	MIDT. D	MIDT. V	DAYS
1	7	28	7	28	6	23	8	19	8	16	8	14	8	18	6	23	6	19	7	17	7	16			1
2	9	22	8	24	6	15	7	13	8	10.5	8	4.5	8	6.5	4	5.5	4	4.5	32	6.5	32	11			2
3	9	4.5	15	6.5	15	4.5	15	9.5	16	15	20	12	20	7.5	20	6.5	20	4.5	20	4.5	6	6.5			3
4	15	16	19	12	19	11	21	13	21	8.5	22	6.5	22	5.5	22	2	22	7.5	18	7.5	18	5.5			4
5	12	14	11	15	10	18	10	16	10	15	10	14	10	19	11	15	11	14	10	9.5	9	11			5
6	20	13	20	17	20	19	21	19	21	16	21	11	21	9.5	21	10.5	21	6.5	21	7.5	21	6.5			6
7	21	25	22	25	22	23	22	23	22	18	22	17	22	12	22	10.5	22	10.5	22	10.5	23	12			7
8	23	12	21	18	22	14	22	11	22	8.5	22	5.5	22	1.5	22	1.5	22	1.5	22	2	22	1.5			8
9	10	16	9	16	10	14	10	16	11	16	11	19	11	18	12	17	12	15	12	17	15	13			9
10	27	23	26	28	27	28	27	26	26	24	25	22	25	22	25	20	25	19	25	20	26	19			10
11	19	26	19	17	18	25	17	26	18	27	18	28	18	28	18	27	18	27	18	27	17	30			11
12	26	18	25	20	25	24	25	21	25	19	23	16	24	10.5	23	11	23	12	23	15	24	15			12
13	9	20	18	20	18	21	18	23	18	26	18	27	18	29	18	31	20	32	22	28	22	29			13
14	26	28	25	23	25	22	24	18	22	16	22	18	23	13	23	16	23	15	23	12					14
15	17	15	17	16	18	17	17	13	17	13	18	12	17	12	17	9.5	17	8.5	17	9.5	17	6.5			15
16	27	20	27	24	27	26	26	24	26	23	26	16	26	15	26	13	26	15	26	11	26	13			16
17	22	23	21	23	21	24	21	21	22	18	22	13	22	10.5	22	10.5	22	12	22	11	22	13			17
18	12	5.5	12	6.5	12	4	12	4.5	4	6.5	6	9.5	32	13	32	13	31	13	32	10.5	32	13			18
19	7	7.5	8	6.5	13	5.5	16	4.5	16	6.5	19	8.5	19	5.5	22	5.5	22	3	22	1.5	22	2			19
20	12	11	13	11	11	9.5	11	9.5	8	8.5	6	7.5	6	4.5	6	3	6	3	6	2	6	4			20
21	16	14	16	16	15	12	15	14	15	14	15	14	14	16	12	19	11	21	11	22	11	26			21
22	13	33	11	32	11	35	11	31	11	29	11	23	11	19	13	16	13	14	13	12	13	9.5			22
23	12	8.5	12	6.5	1	4.5	1	4.5	29	9.5	29	12	29	14	29	11	27	8.5	28	9.5	28	10.5			23
24	26	13	27	16	26	18	27	15	26	15	27	14	26	11	26	8.5	25	13	25	12	25	8.5			24
25	14	16	14	14	15	13	15	11	15	10.5	15	7.5	11	10.5	11	11	11	12	10	11	10	10.5			25
26	22	16	20	19	20	16	19	13	20	13	20	11	20	5.5	20	9.5	17	13	17	14	18	12			26
27	19	25	18	27	18	28	18	26	18	22	20	21	19	18	20	24	21	17	20	16	20	17			27
28	21	17	21	17	21	14	20	10.5	20	7.5	20	5.5	20	4	20	3	14	4.5	12	8.5	12	11			28
29	15	28	14	23	15	30	14	25	14	21	14	28	13	36	11	32	6	18	30	19	26	17			29
30	25	18	25	22	25	23	25	21	24	18	24	20	24	21	24	21	24	23	24	21	24	20			30
31	26	19	26	22	26	22	26	21	26	17	26	16	26	17	26	18	26	18	26	16	27	17			31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.466	.470	.459	.450	.429	.426	.423	.431	.425	.437	.426	.428	.425	.420	.415	.438	.437	.437	.452	.457	.460	.464	.470	.476	1
2	.478	.439	.446	.429	.441	.432	.426	.465	.392	.391	.398	.395	.420	.408	.418	.410	.428	.429	.446	.451	.444	.436	.424	.409	2
3	.375	.370	.369	.367	.364	.409	.406	.417	.440	.391	.454	.413	.443	.455	.446	.447	.463	.444	.468	.456	.446	.445	.451	.456	3
4	.454	.434	.427	.416	.412	.394	.422	.464	.473	.477	.507	.514	.506	.492	.471	.472	.464	.463	.486	.477	.479	.477	.479	.487	4
5	.487	.503	.490	.485	.477	.479	.496	.509	.532	.522	.519	.519	.506	.480	.501	.510	.515	.506	.494	.504	.496	.484	.485	.487	5
6	.480	.	.	.	.	.	.	.	.	.	.	.511	.563	.548	.550	.562	.529	.509	.511	.539	.501	.518	.512	.511	.501	.485	.483	.483	6
7	.489	.504	.503	.494	.517	.513	.514	.513	.514	.485	.505	.508	.505	.499	.495	.501	.507	.510	.509	.510	.505	.502	.490		7
8	.475	.467	.461	.443	.459	.483	.466	.468	.444	.435	.451	.451	.471	.468	.449	.464	.481	.471	.488	.492	.480	.494	.480		8
9	.483	.490	.478	.478	.482	.492	.489	.501	.502	.496	.512	.525	.515	.524	.534	.533	.537	.534	.519	.535	.526	.531	.532		9
10	.541	.543	.548	.548	.541	.563	.541	.536	.524	.541	.536	.532	.534	.522	.472	.454	.457	.443	.446	.454	.443	.447	.450		10
11	.429	.431	.428	.433	.430	.	.402	.445	.410	.	.	.	.489	.430	.473	.453	.474	.446	.450	.473	.487	.490	.487		11
12	.503	.527	.490	.495	.495	.493	.506	.477	.523	.522	.521	.500	.443	.402	.424	.391	.388	.396	.414	.432	.427	.427	.423	.410	12
13	.411	.428	.428	.427	.437	.443	.450	.488	.489	.492	.510	.505	.481	.489	.506	.504	.503	.489	.497	.497	.522	.562	.563	.555	13
14	.503	.531	.460	.469	.472	.474	.487	.490	.483	.466	.467	.462	.482	.471	.487	.479	.485	.493	.513	.500	.490	.469	.454	.438	14
15	.444	.443	.430	.417	.424	.434	.450	.452	.433	.404	.477	.423	.420	.451	.463	.454	.436	.468	.438	.444	.470	.471	.464	.435	15
16	.444	.421	.422	.408	.416	.421	.448	.459	.425	.422	.460	.451	.442	.418	.399	.363	.354	.323	.345	.349	.346	.339	.361	.356	16
17	.363	.357	.340	.335	.339	.339	.356	.373	.382	.409	.397	.398	.386	.397	.420	.394	.407	.400	.416	.418	.423	.429	.426	.415	17
18	.407	.407	.407	.418	.421	.417	.434	.427	.460	.452	.453	.449	.452	.474	.455	.445	.449	.423	.403	.372	.399	.430	.431	.442	18
19	.428	.426	.437	.441	.417	.419	.428	.437	.451	.442	.442	.443	.443	.454	.443	.460	.461	.463	.484	.477	.473	.459	.470	.477	19
20	.485	.485	.491	.480	.485	.470	.485	.493	.491	.482	.480	.468	.489	.471	.488	.487	.483	.483	.474	.467	.467	.469	.485	.492	20
21	.444	.457	.448	.437	.432	.434	.452	.483	.440	.440	.456	.453	.486	.499	.486	.482	.498	.478	.470	.466	.462	.461	.460	.470	21
22	.478	.484	.458	.454	.466	.479	.474	.483	.477	.464	.468	.450	.447	.462	.467	.445	.477	.463	.476	.500	.497	.497	.485	.493	22
23	.477	.501	.478	.460	.468	.460	.469	.469	.491	.496	.489	.502	.500	.462	.498	.447	.440	.497	.465	.477	.476	.476	.473	.459	23
24	.433	.409	.420	.417	.442	.450	.467	.468	.472	.451	.481	.459	.475	.474	.497	.491	.468	.455	.447	.451	.449	.445	.442	.455	24
25	.434	.434	.444	.442	.445	.436	.437	.449	.460	.452	.473	.468	.484	.472	.488	.491	.487	.478	.464	.470	.483	.469	.475	.467	25
26	.484	.480	.492	.490	.493	.497	.496	.498	.502	.513	.531	.528	.545	.504	.510	.501	.513	.506	.506	.502	.487	.509	.504	.510	26
27	.505	.505	.510	.512	.476	.451	.448	.445	.468	.486	.493	.444	.433	.438	.443	.447	.466	.470	.447	.488	.454	.440	.442	.436	27
28	.433	.426	.432	.432	.438	.454	.466	.497	.486	.474	.480	.445	.447	.455	.447	.469	.474	.483	.503	.492	.503	.504	.500		28
29	.496	.475	.459	.455	.491	.527	.487	.476	.508	.506	.474	.470	.447	.466	.439	.457	.455	.459	.447	.461	.464	.455	.458		29
30	.424	.409	.420	.414	.416	.455	.480	.485	.468	.483	.469	.468	.455	.450	.431	.446	.454	.465	.454	.464	.469	.449	.445		30
31	.437	.437	.445	.435	.437	.454	.449	.446	.450	.480	.469	.432	.437	.431	.447	.436	.434	.440	.446	.447	.450	.456	.460	.451	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51' N LONG. 2°28' W — HOURLY VALUES August 1878.

BAROMETER. CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	30.006	30.002	29.992	29.984	29.976	29.972	29.968	29.970	29.956	29.942	29.929	29.911	29.891	29.877	29.859	29.844	29.829	29.829	29.833	29.839	29.845	29.841	29.831	29.817
2	29.811	29.793	.791	.781	.759	.751	.749	.775	.745	.721	.724	.710	.692	.680	.662	.652	.638	.647	.644	.644	.642	.642	.624	.598
3	.564	.540	.540	.528	.514	.498	.486	.502	.486	.502	.482	.460	.450	.448	.454	.450	.456	.458	.464	.476	.490	.486	.474	.472
4	.454	.442	.424	.420	.414	.404	.416	.424	.422	.406	.380	.410	.407	.392	.382	.378	.374	.380	.396	.418	.432	.436	.436	.440
5	.437	.440	.446	.454	.458	.466	.474	.492	.492	.502	.503	.503	.503	.497	.489	.491	.471	.469	.471	.476	.479	.479	.475	.479
6	.445	.433	.439	.425	.421	.399	.391	.381	.377	.361	.351	.341	.339	.325	.291	.275	.267	.267	.261	.277	.284	.281	.279	.281
7	.273	.273	.271	.281	.285	.289	.307	.317	.329	.337	.337	.339	.335	.339	.335	.371	.369	.381	.394	.411	.423	.429	.437	.439
8	.449	.457	.461	.477	.491	.509	.519	.543	.557	.569	.579	.603	.619	.631	.637	.651	.657	.667	.677	.699	.705	.729	.736	.737
9	.735	.735	.735	.731	.729	.733	.737	.735	.725	.717	.712	.688	.670	.662	.640	.626	.598	.588	.584	.576	.570	.552	.532	.524
10	.508	.484	.434	.412	.388	.368	.346	.328	.308	.300	.278	.264	.244	.234	.216	.208	.214	.226	.240	.262	.278	.296	.306	.314
11	.326	.320	.324	.330	.334	.344	.354	.360	.364	.370	.368	.360	.348	.336	.320	.294	.276	.254	.240	.224	.204	.180	.152	.114
12	.077	.058	.034	.020	.014	.020	.028	.052	.070	.088	.097	.100	.119	.123	.123	.121	.113	.117	.113	.129	.131	29.132	29.127	29.121
13	29.113	29.111	29.101	29.101	29.099	29.101	29.107	29.118	29.119	29.129	29.134	29.140	.140	.135	.122	.114	.098	.080	.060	.042	.018	28.992	28.950	28.922
14	28.895	28.854	28.828	28.805	28.810	28.822	28.830	28.859	28.890	28.934	28.966	28.994	.020	.030	.054	.078	.096	.114	.136	.154	.158	29.162	29.169	29.164
15	29.160	29.156	29.144	29.144	29.140	29.137	29.134	29.134	29.140	29.146	29.146	29.147	.144	.136	29.124	.114	.102	.102	.104	.104	.092	.086	.072	.066
16	.050	.036	.032	.018	.018	.016	.018	.016	.006	.004	.001	.008	.011	.007	28.999	.010	.017	.041	.049	.071	.077	.083	.103	.131
17	.157	.191	.213	.245	.277	.301	.331	.357	.371	.379	.390	.396	.400	.388	29.388	.384	.386	.398	.408	.430	.452	.474	.482	.496
18	.512	.528	.532	.546	.560	.574	.594	.608	.604	.615	.623	.633	.634	.635	.629	.625	.617	.619	.621	.625	.627	.625	.615	.603
19	.591	.585	.579	.577	.565	.657	.557	.551	.539	.539	.530	.526	.516	.521	.526	.528	.526	.530	.540	.554	.566	.572	.574	.574
20	.578	.574	.570	.568	.564	.570	.572	.578	.576	.584	.587	.581	.581	.583	.587	.589	.585	.591	.601	.611	.623	.631	.641	.647
21	.654	.651	.645	.641	.643	.651	.657	.665	.655	.657	.651	.645	.643	.635	.629	.617	.615	.613	.621	.631	.643	.643	.655	.653
22	.653	.651	.637	.641	.633	.637	.637	.645	.637	.627	.603	.601	.599	.571	.569	.549	.543	.543	.533	.527	.531	.513	.499	.489
23	.459	.453	.435	.409	.383	.359	.343	.325	.317	.297	.294	.278	.270	.260	.250	.250	.242	.236	.230	.228	.230	.216	.210	.200
24	.180	.170	.150	.138	.122	.112	.098	.098	.092	.094	.096	.102	.108	.111	.098	.096	.084	.096	.110	.120	.126	.122	.122	.111
25	.106	.102	.094	.092	.096	.102	.104	.102	.108	.112	.118	.114	.106	.104	.098	.102	.108	.111	.124	.130	.128	.124	.130	.130
26	.124	.116	.112	.116	.120	.118	.118	.118	.114	.112	.108	.115	.100	.098	.102	.108	.112	.120	.128	.142	.148	.155	.156	.166
27	.176	.178	.180	.176	.182	.188	.198	.204	.210	.210	.210	.202	.200	.202	.190	.192	.190	.186	.186	.192	.194	.186	.184	.194
28	.188	.188	.186	.194	.202	.218	.230	.229	.240	.246	.253	.251	.259	.270	.281	.297	.315	.325	.347	.365	.375	.383	29.388	29.389
29	29.379	29.373	29.355	29.347	29.327	29.333	29.315	29.309	29.305	29.285	29.257	29.249	29.215	29.185	29.149	.123	.089	.065	.043	.039	.031	.013	28.999	28.996
30	28.988	28.979	28.971	28.957	28.957	28.947	28.949	28.959	28.963	28.966	28.967	28.979	28.975	28.984	28.995	.001	.003	.011	.021	.027	.039	.047	29.045	29.047
31	29.053	29.063	29.075	29.083	29.093	29.113	29.129	29.151	29.177	29.191	29.204	29.228	29.244	29.264	29.282	29.306	29.318	29.338	29.366	29.384	29.398	29.414	29.422	29.444

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	53.8	52.9	52.5	52.9	52.9	53.0	53.1	53.9	59.1	64.5	68.5	70.0	71.0	72.0	72.3	72.0	71.9	69.3	65.8	60.8	55.9	55.1	54.9	54.8
2	55.2	54.8	54.3	53.3	53.2	55.4	59.8	59.9	61.9	62.8	66.2	68.4	69.7	70.9	70.2	68.0	67.0	66.0	65.0	60.9	58.3	57.2	58.0	58.9
3	59.1	59.4	59.4	59.8	60.1	60.4	62.1	62.9	63.0	61.9	58.8	60.5	60.0	60.9	61.3	61.4	61.1	61.5	60.3	60.0	60.0	60.1	60.0	60.1
4	61.0	61.0	60.8	61.1	61.3	61.9	62.7	63.0	62.7	65.0	66.0	62.4	64.8	64.2	62.9	63.0	63.4	63.7	62.5	62.0	61.0	60.2	59.6	59.1
5	58.6	58.5	58.5	58.2	58.1	58.0	60.2	60.0	62.0	64.0	63.3	64.1	64.5	64.4	66.5	64.2	66.8	65.9	64.3	64.0	61.9	60.4	59.8	60.0
6	59.7	58.8	56.8	55.9	56.2	57.1	58.2	59.0	60.1	64.3	66.9	64.0	63.2	64.1	67.9	69.0	67.4	65.3	64.6	62.2	60.6	60.4	58.3	57.8
7	57.7	58.0	58.7	59.0	59.0	59.6	59.6	58.9	59.7	61.7	63.1	65.2	68.5	69.0	70.0	60.9	65.9	65.9	64.8	62.2	60.5	60.2	60.0	59.2
8	59.9	59.2	59.2	59.2	58.9	59.7	60.4	62.7	63.2	64.8	63.6	63.0	64.8	64.6	64.7	64.2	63.9	62.0	60.9	60.4	59.9	59.0	57.6	55.1
9	54.6	53.4	53.1	53.1	53.0	54.0	57.0	60.9	64.5	66.4	65.2	67.4	69.0	67.0	67.3	66.6	67.2	65.8	64.9	63.1	63.2	62.0	62.2	60.4
10	59.8	58.9	58.3	58.1	58.0	58.0	58.3	58.7	59.3	60.2	60.2	60.1	62.2	61.5	63.0	64.9	63.0	62.6	61.1	59.8	57.8	57.8	56.0	55.2
11	54.0	53.3	54.5	53.9	53.4	56.8	59.1	61.2	61.3	63.5	61.9	64.9	65.1	64.4	65.7	65.0	63.9	62.3	61.0	59.7	58.2	57.8	57.1	57.1
12	56.9	56.9	57.1	57.1	57.8	57.9	58.8	58.9	59.3	62.0	63.1	63.0	62.6	61.5	62.5	63.8	63.1	62.9	61.1	59.5	58.9	58.2	59.0	57.9
13	57.1	57.5	57.1	56.9	57.1	57.1	57.6	57.9	59.9	60.5	61.0	60.4	60.2	61.3	59.0	58.2	58.0	57.8	57.9	57.6	58.3	58.3	58.9	58.7
14	58.5	58.5	58.6	58.2	58.2	58.2	58.7	59.0	59.4	58.8	60.5	64.0	63.9	66.0	66.4	65.0	63.9	62.1	61.7	57.2	57.6	57.8	57.7	56.5
15	55.5	56.3	55.9	54.9	55.5	55.5	55.9	58.5	61.4	62.0	64.0	66.0	64.9	65.2	65.5	65.2	64.3	63.3	61.4	60.0	57.6	56.5	55.7	55.5
16	55.8	56.2	54.5	54.0	54.8	55.7	55.5	57.2	61.0	62.0	61.8	59.0	60.0	61.9	64.5	62.4	61.0	58.2	57.6	56.5	54.8	56.8	56.0	55.0
17	53.8	53.9	53.3	53.0	52.9	54.1	54.0	56.0	56.7	57.9	58.5	56.5	55.4	57.1	56.5	57.1	57.0	59.0	59.7	59.8	59.9	59.8	59.5	59.2
18	59.4	59.7	59.0	58.5	58.4	58.3	59.0	60.5	62.5	62.2	62.6	65.0	66.0	65.9	63.8	64.9	64.8	63.8	63.0	59.2	57.8	56.2	54.3	54.0
19	53.3	50.8	50.4	49.0	49.2	49.0	53.4	58.3	62.3	64.0	66.9	67.7	69.4	67.9	68.2	65.1	65.1	63.2	60.9	58.3	57.9	57.7	57.6	57.5
20	57.0	56.0	54.7	54.1	53.8	54.1	55.2	57.1	59.2	61.2	63.2	62.9	64.1	64.0	63.2	62.5	62.0	61.0	60.0	58.9	58.0	57.5	55.9	55.2
21	56.0	54.5	54.8	54.3	54.2	54.3	54.9	54.2	58.0	59.7	63.5	65.1	66.5	65.8	64.1	64.5	63.2	63.1	60.4	58.7	58.2	58.1	56.4	55.9
22	54.2	53.0	54.1	51.6	49.3	49.8	51.8	56.0	59.1	61.3	62.0	63.1	63.5	64.9	63.2	62.9	62.0	59.2	57.3	56.0	55.9	55.0	54.1	53.9
23	54.0	54.1	53.9	53.6	52.7	52.0	53.0	54.4	55.9	56.2	56.7	57.0	57.2	56.1	56.0	56.5	56.6	57.5	56.9	56.3	56.7	56.4	55.5	56.0
24	55.9	55.4	55.4	56.2	56.8	57.0	58.0	58.3	59.0	59.3	63.2	63.8	62.7	64.1	65.9	66.9	66.0	64.5	62.0	59.4	59.4	59.0	58.6	58.0
25	57.6	57.9	57.9	57.5	57.3	57.0	57.1	58.0	57.9	58.4	57.9	59.5	61.7	63.0	64.0	63.1	62.8	61.4	58.0	55.2	53.3	52.5	50.6	50.2
26	49.6	47.1	47.1	47.2	47.3	47.0	50.4	54.1	59.3	63.9	65.3	67.2	67.4	68.0	68.5	66.9	66.2	65.9	61.9	61.0	59.0	59.2	58.7	58.3
27	58.0	57.0	57.5	57.8	57.1	57.0	59.0	61.0	59.5	61.9	65.2	66.6	64.2	62.2	64.4	64.2	62.2	62.8	60.2	59.2	59.1	58.2	58.0	58.0
28	56.9	56.6	56.4	55.7	54.3	54.9	56.1	58.0	60.3	61.7	64.1	65.6	64.4	66.0	65.1	64.5	63.2	61.2	59.6	58.8	58.2	58.0	57.1	57.0
29	57.2	57.0	56.4	56.5	55.5	56.0	56.0	56.1	59.0	61.0	63.3	63.0	62.0	60.0	58.8	58.9	60.4	58.2	57.9	57.6	57.9	58.2	58.3	56.0
30	56.3	54.5	54.2	55.2	54.0	53.9	57.0	59.9	61.8	63.3	64.4	63.2	64.9	64.3	64.4	63.0	62.0	60.5	59.9	59.5	59.3	58.7	58.4	57.9
31	58.0	58.0	58.0	56.5	56.9	57.0	57.0	57.9	59.2	61.0	63.0	63.5	61.0	60.1	63.1	60.2	61.5	60.1	59.7	58.8	59.0	58.5	58.0	57.2

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	52.0	51.4	51.9	52.2	52.2	52.4	52.4	52.9	56.3	59.0	60.7	61.0	62.0	62.4	62.0	62.1	58.7	57.9	56.1	54.1	52.2	52.0	51.4	51.5
2	52.0	51.9	51.6	50.8	50.6	51.9	54.9	55.3	57.2	57.9	59.4	61.2	61.5	62.6	62.0	60.2	60.2	59.4	58.9	56.3	55.0	54.4	54.8	55.0
3	55.5	55.9	56.1	56.8	57.2	57.9	58.9	59.1	59.4	59.2	57.3	59.3	59.0	59.9	59.7	59.7	59.7	59.7	59.2	59.1	58.8	58.9	58.8	58.9
4	59.6	59.4	59.4	59.9	60.1	60.2	60.4	60.5	60.9	62.0	62.2	61.2	62.4	61.8	61.2	61.0	61.2	60.8	60.0	60.0	58.9	58.5	58.0	57.4
5	56.9	56.5	56.8	56.1	56.0	55.9	57.1	56.8	58.0	58.0	58.6	59.6	59.9	60.0	61.0	61.4	62.2	61.0	59.8	59.1	58.4	56.7	55.8	55.1
6	54.4	53.9	53.9	53.5	54.3	55.2	56.9	57.9	58.8	60.9	62.3	60.8	60.4	61.8	64.2	64.0	63.7	62.5	61.3	59.0	57.9	57.4	56.3	56.3
7	56.2	56.7	57.2	57.6	58.4	58.8	58.8	58.4	58.9	60.8	61.5	62.5	63.0	62.0	63.3	59.0	63.0	61.1	60.2	59.0	57.8	56.9	57.0	56.7
8	57.5	57.9	58.7	58.7	58.0	58.2	59.0	59.9	60.0	60.8	60.1	59.3	60.3	59.9	59.9	59.9	59.5	59.0	59.0	59.0	58.6	57.0	55.8	54.0
9	53.4	52.1	52.2	52.1	52.2	53.0	55.1	56.9	59.9	60.2	59.0	59.6	59.8	58.4	59.7	58.8	60.0	60.9	58.7	57.5	57.6	57.2	58.8	58.6
10	58.7	58.0	57.8	57.5	57.1	57.1	57.1	57.3	58.5	59.0	59.7	59.1	60.8	60.3	61.9	62.3	61.0	60.3	59.5	57.9	56.0	55.9	54.4	53.7
11	52.3	51.9	52.9	52.7	52.1	54.3	56.2	56.1	55.9	56.0	56.0	58.1	58.5	58.0	58.0	58.0	58.0	57.6	57.1	55.8	55.2	55.9	55.7	55.3
12	55.1	55.3	55.9	55.9	56.4	57.1	57.9	57.5	56.4	56.7	56.2	55.9	55.1	54.8	*	56.3	56.2	56.3	56.0	55.1	55.2	55.0	55.0	54.3
13	54.2	54.0	54.0	53.9	54.1	54.2	54.8	54.9	55.9	55.5	56.4	56.2	56.5	57.7	57.7	56.9	57.1	57.0	57.0	56.9	57.6	58.0	58.0	57.9
14	57.7	57.8	57.8	57.6	57.7	57.8	58.0	58.0	57.8	56.1	57.9	58.9	59.8	61.3	61.7	59.6	59.2	57.2	56.0	54.4	56.1	56.8	56.7	55.8
15	54.5	55.4	54.9	53.9	54.7	54.5	55.0	58.0	59.0	58.7	58.9	59.4	58.0	57.5	57.3	56.6	57.0	57.1	57.0	56.4	55.8	54.2	54.0	53.7
16	54.2	54.2	53.1	52.3	53.0	53.5	54.0	55.1	58.0	58.2	57.3	56.3	57.0	57.7	59.0	58.1	57.4	55.3	54.8	53.2	53.0	55.0	53.1	52.0
17	50.7	50.2	49.5	49.9	49.9	50.8	51.1	51.8	52.0	52.5	53.5	54.3	54.0	55.5	55.5	56.2	56.1	57.4	58.0	58.2	58.6	58.5	58.4	58.1
18	57.9	57.8	57.5	57.2	57.2	57.3	57.8	58.4	59.0	59.0	58.9	59.5	61.2	61.1	59.8	60.1	59.1	59.1	58.8	57.2	55.8	55.1	53.5	52.9
19	52.5	50.1	49.9	48.5	48.8	48.5	52.1	55.0	58.4	59.6	60.1	59.7	59.5	60.5	62.0	58.7	59.2	58.9	57.6	56.1	55.8	55.4	55.1	54.1
20	53.9	53.2	52.9	52.2	52.0	52.1	52.9	53.6	54.3	55.8	57.3	56.9	57.5	57.4	57.1	56.9	57.1	56.0	55.3	54.1	53.9	52.9	52.0	51.7
21	51.2	50.9	50.9	50.9	50.8	51.0	51.5	51.0	53.2	53.9	57.1	56.7	59.7	57.5	57.0	57.9	56.9	57.1	55.7	54.8	53.4	53.3	52.3	51.6
22	50.4	49.6	50.9	49.0	48.0	48.1	49.8	52.9	53.5	54.8	56.0	55.2	55.0	56.9	55.5	55.5	55.3	54.2	53.0	52.0	51.9	50.9	50.2	50.6
23	50.9	50.1	50.1	50.1	50.0	50.0	50.2	51.2	53.0	53.8	54.7	54.9	55.0	54.5	54.3	55.0	55.1	55.2	54.9	54.7	54.4	54.0	53.9	54.0
24	54.1	54.1	54.3	55.0	55.1	55.1	55.6	56.0	56.4	57.5	59.4	59.8	58.9	59.9	60.9	61.3	61.8	61.2	59.7	58.2	57.9	57.5	57.2	57.0
25	56.9	57.2	57.3	56.9	56.8	56.3	56.8	57.4	57.2	57.6	57.0	57.7	58.8	58.1	58.0	57.0	56.6	56.0	55.0	53.0	51.7	51.0	49.3	49.1
26	48.8	46.3	46.6	46.8	46.8	46.1	48.8	52.1	55.9	58.8	57.9	59.7	60.3	57.5	60.9	63.1	62.3	61.7	58.6	57.0	55.9	56.0	55.1	55.0
27	54.9	54.4	54.7	55.1	55.5	55.4	57.1	58.8	58.5	59.2	59.9	60.1	59.8	60.2	60.9	60.7	60.3	60.1	58.2	57.9	57.4	56.9	56.9	56.5
28	56.0	56.0	55.7	54.9	53.4	53.9	54.9	56.5	57.8	58.5	58.2	58.9	59.1	60.0	59.7	58.9	58.9	58.0	57.2	56.9	56.9	57.0	56.3	56.3
29	56.5	56.1	55.9	55.8	54.9	55.3	55.1	55.1	56.9	57.5	58.3	57.3	58.5	57.3	57.7	57.7	58.0	56.3	56.8	56.8	57.1	57.8	57.5	55.0
30	55.2	53.9	53.8	54.4	53.2	53.1	55.9	57.9	58.7	59.6	59.3	59.9	60.0	60.0	60.1	59.6	59.2	58.8	58.5	58.7	58.0	56.9	57.2	56.4
31	56.9	55.6	55.4	55.0	55.1	55.0	55.2	56.0	56.5	57.0	58.5	58.0	58.0	58.4	58.9	58.2	58.0	57.5	56.0	57.2	57.8	57.0	56.2	56.1

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51' N. LONG: 2°28' W.

HOURLY VALUES August 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	5	4.5	3	7.5	2	8.5	3	4.5	4	4.5	4	5.5	4	5.5	3	4.5	3	4	1	4	4	5.5	5	7.5	3	8.5	6	9.5	5	11	6	12	6	13	5	13	3	7.5	5	10.5	3	9.5	5	13	5	13	7	11			1
2	6	13	4	10.5	6	6.5	2	11	2	12	3	7.5	4	11	4	18	5	12	4	17	6	17	5	18	6	19	5	17	4	18	4	18	3	15	4	14	4	12	2	14	2	14	4	8.5	2	15	1	17			2
3	2	19	3	22	2	16	2	13	2	13	3	15	3	20	4	21	4	19	4	18	1	14	3	15	5	12	2	13	5	14	4	12	5	10.5	4	9.5	4	9.5	4	7.5	4	7.5	5	8.5	3	6.5	4	7.5			3
4	3	7.5	1	9.5	2	9.5	4	9.5	3	12	4	9.5	4	12	4	13	5	12	4	14	4	21	6	16	5	11	3	9.5	5	12	4	12	7	10.5	6	7.5	2	7.5	5	9.5	6	9.5	4	8.5	2	9.5	4	7.5			4
5	5	8.5	3	8.5	7	6.5	8	6.5	7	10.5	7	9.5	8	12	8	13	7	11	9	12	8	12	9	12	8	12	8	7.5	9	8.5	10	5.5	6	16	5	12	7	13	7	11	2	10.5	32	16	32	13	5	13			5
6	7	16	5	9.5	3	4.5	4	5.5	1	5.5	1	6.5	6	7.5	4	6.5	3	5.5	7	10.5	9	11	5	8.5	3	5.6	4	6.5	3	9.5	4	7.5	6	8.5	6	4	6	6.5	7	5.5	4	3	4	4.5	3	6.5	2	6.5			6
7	2	4.5	2	4.5	2	3	2	2	2	2	2	4.5	22	4.5	21	3	21	2	21	6.5	21	4	16	4.5	24	10.5	22	14	22	12	17	9.5	22	8.5	22	14	23	8.5	23	7.5	20	6.5	19	8.5	20	7.5	20	7.5			7
8	19	7.5	19	6.5	20	8.5	21	6.5	20	7.5	21	11	21	14	22	15	21	16	21	20	22	15	23	18	21	18	23	22	22	21	22	19	21	17	22	15	22	9.5	22	7.5	23	4	22	6.5	23	7.5	23	4			8
9	23	5.5	23	3	23	2	23	2	23	2	23	2	23	2	23	3	4	3	6	4	15	6.5	12	9.5	12	11	15	15	15	13	15	7.5	15	4	13	3	13	2	12	3	12	4	8	4	6	4.5	11	4.5			9
10	15	3	15	3	3	5.5	3	4	3	4	3	5.5	3	5.5	4	5.5	3	6.5	4	5.5	5	6.5	6	5.6	7	4	4	2	4	3	23	7.5	23	12	23	11	24	10.5	24	12	24	9.5	25	10.5	24	6.5	24	7.5			10
11	24	6.5	24	4.5	24	4.5	24	5.5	24	4.5	24	6.5	22	5.5	22	10.5	22	10.5	22	13	22	13	22	11	19	8.5	20	11	19	13	18	8.5	17	12	16	11	17	13	15	15	15	18	15	18	15	20	15	20			11
12	15	25	16	24	16	21	16	20	18	13	19	10.5	19	12	22	14	23	14	22	15	...	...	*	*	.....		*		22	18	21	15	21	18	21	15	20	11	20	10.5	19	11	19	11	20	13	20	13			12
13	19	17	21	19	20	18	20	19	20	18	21	17	21	22	21	19	21	24	21	21	21	23	20	19	21	18	21	21	21	14	20	9.5	22	3	19	1.5	19	1.5	19	1.5	17	3	17	2	17	11	17	9.5			13
14	20	3	20	3	18	3	18	1.5	18	1.5	18	2	20	2	31	6.5	1	7.5	31	5.5	1	2	4	2	4	4	21	7.5	24	18	24	16	24	10.5	23	9.5	24	6.5	24	6.5	24	5.5	24	5.5	24	4	24	4			14
15	24	2	24	1.5	24	2	24	2	24	1.5	24	2	24	2	20	9.5	22	14	22	16	22	13	22	15	22	15	22	12	23	9.5	23	5.5	24	2	24	2	24	1.5	24	1.5	24	1.5	24	2	24	3			15
16	24	1.5	24	3	24	2	27	4	30	3	30	2	30	2	30	2	2	2	2	3	...	...	18	4.5	27	5.5	23	14	24	15	23	16	22	12	21	12	21	9.5	20	5.5	22	14	25	18	24	17			16
17	24	20	24	17	24	14	24	12	24	10.5	23	8.5	21	16	22	17	21	16	19	16	19	17	19	17	19	17	18	15	19	22	19	22	19	18	19	17	19	17	20	15	20	20									17
18	20	21	20	18	20	15	20	14	20	10.5	20	13	20	13	21	13	22	16	20	15	21	15	21	12	21	11	23	8.5	24	6.5	21	6.5	23	5.5	21	3	22	2	22	3									18
19	22	2	27	4.5	29	3	30	4	30	4	30	4.5	30	6.5	31	8.5	1	9.5	32	5.5	7	10.5	5	11	5	11	3	14	4	11	4	11	4	11	2	9.5	2	7.5	1	6.5	1	7.5	2	6.5	5	5.5	6	5.5			19
20	6	9.5	5	6.5	3	4	3	5.5	2	4.5	2	3	2	4	5	6.5	6	9.5	7	11	7	9.5	9	8.5	7	6.5	7	7.5	6	4.5	7	4	6	4	5	4.5	2	4	4	4.5	5	3	5	4.5	32	5.5	2	4			20
21	4	4.5	1	4	1	4	32	4	32	4	1	3	1	3	1	5.6	1	4.5	29	3	13	3	9	6.5	10	9.5	9	7.5	9	4.5	10	5.5	9	4.5	9	4	9	3	9	2	9	4	6	6.5	5	4.5	5	7.5			21
22	5	4	2	4.5	6	5.5	1	6.5	31	8.5	31	7.5	32	5.5	3	6.5	7	13	7	13	6	16	6	17	7	19	5	18	6	18	6	16	5	15	3	10.5	32	10.5	30	17	2	12	31	16	2	18	1	16			22
23	1	17	1	19	1	16	31	16	1	18	1	16	3	14	4	15	4	18	4	18	4	19	3	17	4	22	20	1	18	2	16	2	14	3	14	3	13	2	12	3	13	2	13	1	14	2	12			23
24	2	13	1	11	1	10.5	1	9.5	32	7.5	32	8.5	36	11	32	7.5	2	5.5	2	4.5	6	8.5	8	10.5	8	8.5	7	4.5	6	4	10	4.5	17	4	21	6.5	9	4.5	14	3	19	2	19	4	20	4.5	20	2			24
25	20	2	20	2	20	2	20	4	20	4	20	4.5	20	2	20	4	20	5.5	20	4	19	7.5	19	7.5	19	10.5	19	7.5	20	12	20	12	20	10.5	22	4	22	3	22	3	22	1.5	22	2	22	1.5	22	2			25
26	22	2	22	4	28	3	28	3	28	4	28	4	28	3	30	4	2	2	14	4.5	18	4	16	4.6	20	6.5	22	5.6	20	7.5	22	8.5	23	4	24	4	24	3	24	2	24	2	24	1.5	24	3	28	3			26
27	28	3	28	2	28	2	28	2	28	1.5	28	1.5	28	3	13	4	15	8.5	18	4.5	19	5.5	16	7.5	19	4.5	16	3	21	3	19	6.5	13	3	22	1.5	22	2	22	2	14	2	16	2	14	3	19	8.5			27
28	19	5.5	19	4	19	4	19	3	19	3	19	2	16	4	14	4.5	17	7.5	19	7.5	19	8.5	20	10.5	20	8.5	22	12	22	13	20	15	21	13	21	8.5	21	6.5	20	6.5	20	4	20	3	20	2	20	2			28
29	20	2	20	1.5	20	1.5	20	2	28	2	28	3	1	4.5	1	4.5	4	5.5	4	7.5	5	11	5	11	3	10.5	3	11	1	12	32	12	3	10.5	1	10.5	2	5.5	1	5.5	32	7.5	32	4	13	4	16	2			29
30	16	3	16	2	16	2	16	2	16	4	16	3	16	4	16	2	18	4	20	7.5	21	12	20	13	20	11	20	8	20	16	20	14	19	12	19	10.5	18	8.5	18	10.5	23	4	22	6.5	20	7.5	21	10.5			30
31	21	7.5	23	6.5	24	5.5	23	7.5	24	9.5	25	10.5	24	10.5	25	4.5	22	4.5	25	5.5	24	6.5	26	10.5	27	11	24	10.5	26	10.5	24	10.5	24	15	26	14	23	9.5	24	7.5	23	12	24	17	25	12	19	4			31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 377 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.045	.090	.032	.052	.116	.025	.023	.025	.007	.001	.002	.001	.001	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.140	.020	.009	.031	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.003	.006	.079	.001	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.012	.035	.003	.	.	.	.010	.001	.002	.	.003	.002	.001	.001	.	.	.	.	6
7	.	.	.	.	.150	.002	.032	.350	.175	.071	.	.	.	.	.	.020	.004	.001	.	.	.	.	.	.	7
8	.020	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.075	9
10	.238	.110	.014	.010	.037	.110	.030	.032	.090	.012	.100	.170	.030	.015	.005	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.004	.010	.022	11
12	.044	.007	.	.	.	.060	.012	.003	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.060	.060	.075	.080	.095	.012	.006	.095	.156	13
14	.061	.045	.022	.045	.141	.094	.080	.044	.019	.007	.	.	.	.	.	.	.	.	.	.	.	.	.	.080	14
15	.	.	.	.	.	.031	.085	.076	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.035	.166	.050	.	.	.	.010	.	.	.	.	.	.	.001	16
17	.002	.	.	.	.002	.001	.001	.002	.001	.	.	.012	.038	.030	.120	.061	.049	.	.	.	.	.	.010	.010	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.050	.033	.002	.002	.023	.020	.019	.015	.036	.023	.009	.033	.	.009	.005	.002	.	.	.001	23
24	.010	.008	.008	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.012	.009	.001	.098	.205	.102	.030	.001	.004	.001	.005	.001	.001	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.022	.023	.	.	.	.	.019	.009	.001	.002	.	.	.	.020	.049	.	.070	27
28	.316	.023	.	.	.001	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.005	.024	.120	.014	.	.003	.003	.010	.139	.015	.	.004	29
30	.001	.001	.001	.001	.	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.005	.001	.001	.	.	.	.	.007	.	.	.	.	.030	.242	.003	.125	.	.	.	.	.	.	.	.	31
	.694	.215	.056	.060	.430	.569	.387	.583	.318	.185	.246	.543	.351	.496	.404	.382	.302	.093	.109	.030	.168	.164	.176	.263	

*Record defective. †Instrument out of action. ‡Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.359	.378	.381	.381	.386	.384	.387	.414	.425	.427	.418	.436	.437	.423	.429	.344	.349	.337	.337	.346	.348	.336	.339	1
2	.349	.348	.339	.334	.343	.369	.378	.406	.414	.415	.442	.435	.454	.444	.419	.430	.417	.415	.392	.389	.386	.388	.381	2
3	.399	.405	.419	.428	.444	.452	.447	.455	.463	.448	.488	.485	.502	.489	.487	.491	.486	.487	.488	.479	.480	.479	.481	3
4	.483	.486	.498	.501	.495	.491	.490	.507	.510	.503	.521	.527	.515	.514	.506	.507	.497	.481	.487	.467	.466	.459	.447	4
5	.429	.438	.421	.420	.418	.423	.417	.427	.403	.428	.448	.451	.455	.469	.502	.492	.465	.451	.434	.441	.410	.392	.372	5
6	.355	.377	.379	.396	.410	.445	.464	.477	.485	.494	.486	.484	.517	.543	.517	.533	.523	.494	.453	.442	.430	.426	.433	6
7	.442	.447	.455	.460	.485	.486	.481	.487	.518	.522	.524	.494	.457	.486	.472	.531	.486	.456	.453	.440	.417	.423	.425	7
8	.461	.471	.471	.469	.464	.479	.476	.471	.476	.469	.453	.459	.450	.448	.455	.447	.456	.472	.479	.474	.436	.420	.402	8
9	.377	.379	.376	.380	.388	.408	.408	.451	.436	.416	.409	.397	.382	.413	.396	.421	.464	.411	.401	.401	.408	.447	.466	9
10	.469	.471	.466	.454	.454	.449	.457	.479	.482	.489	.486	.510	.506	.537	.522	.506	.489	.478	.453	.424	.421	.407	.392	10
11	.367	.379	.381	.371	.388	.412	.384	.378	.356	.373	.395	.404	.398	.383	.391	.404	.412	.413	.394	.396	.421	.424	.414	11
12	.415	.430	.430	.436	.455	.467	.454	.415	.391	.365	.359	.343	.346	.*	.367	.365	.370	.382	.377	.386	.390	.390	.376	12
13	.372	.376	.377	.379	.382	.392	.391	.393	.377	.394	.396	.407	.413	.458	.445	.454	.454	.452	.454	.465	.477	.468	.469	13
14	.469	.467	.467	.470	.473	.472	.467	.455	.413	.443	.428	.456	.474	.448	.435	.438	.404	.375	.385	.429	.448	.446	.436	14
15	.427	.417	.402	.418	.412	.420	.475	.464	.447	.428	.417	.392	.377	.369	.354	.373	.387	.406	.406	.420	.390	.396	.389	15
16	.394	.385	.368	.378	.381	.397	.406	.439	.433	.409	.416	.423	.420	.425	.425	.422	.398	.392	.363	.378	.408	.368	.349	16
17	.316	.307	.320	.321	.328	.337	.335	.331	.331	.349	.392	.398	.419	.427	.439	.437	.448	.457	.462	.474	.472	.473	.467	17
18	.468	.452	.450	.451	.455	.461	.459	.450	.453	.445	.433	.470	.466	.458	.451	.424	.436	.437	.439	.416	.419	.399	.385	18
19	.354	.353	.335	.340	.335	.371	.389	.435	.449	.428	.408	.386	.428	.467	.409	.423	.438	.428	.420	.416	.408	.401	.375	19
20	.370	.376	.365	.363	.362	.370	.366	.360	.376	.393	.385	.389	.387	.388	.390	.402	.383	.377	.358	.365	.345	.341	.340	20
21	.328	.325	.329	.327	.331	.338	.332	.347	.345	.385	.358	.421	.376	.375	.395	.382	.389	.383	.379	.350	.349	.342	.332	21
22	.313	.331	.315	.312	.315	.333	.363	.341	.350	.372	.341	.333	.365	.347	.350	.355	.357	.348	.340	.339	.323	.314	.325	22
23	.311	.313	.317	.326	.335	.327	.335	.366	.384	.401	.402	.403	.404	.399	.412	.414	.405	.403	.408	.392	.385	.394	.391	23
24	.401	.407	.416	.411	.408	.410	.417	.419	.448	.453	.458	.444	.457	.462	.463	.490	.492	.478	.468	.458	.452	.448	.451	24
25	.458	.461	.456	.455	.443	.458	.463	.458	.464	.452	.451	.454	.417	.403	.386	.379	.379	.393	.377	.362	.354	.335	.335	25
26	.305	.312	.315	.314	.301	.325	.362	.400	.426	.386	.413	.406	.351	.432	.520	.503	.487	.445	.410	.404	.405	.387	.389	26
27	.388	.391	.398	.419	.417	.439	.464	.477	.464	.441	.431	.452	.491	.483	.480	.494	.480	.456	.461	.447	.445	.448	.436	27
28	.440	.434	.420	.397	.402	.415	.436	.443	.446	.408	.408	.429	.434	.423	.422	.438	.437	.434	.436	.445	.451	.442	.443	28
29	.437	.440	.436	.423	.428	.422	.421	.433	.425	.419	.395	.447	.432	.461	.460	.447	.427	.446	.451	.455	.473	.462	.419	29
30	.408	.409	.412	.394	.397	.431	.451	.450	.458	.435	.468	.448	.457	.468	.462	.462	.472	.471	.483	.463	.438	.451	.434	30
31	.410	.404	.412	.409	.405	.411	.422	.419	.410	.429	.409	.439	.464	.439	.456	.433	.437	.399	.445	.461	.443	.427	.434	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

Calm	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
035										079	075																					
									006								020		020		350	032									003	
									003						235	030		060	001	001		004									044	
	090							003							110		006	022			175	001									067	
	002							035									095	045	080	044												
	019						001								004		056	141	095	007	071	004										
							030								010		080	094	012	012		001										
						140									022		038	165			001											
						001											120	049	012	050												
						012											061			061	060	075										
						003														045		003										
						002														080	001											
	050					001														076	001	002		031								
	023	116			052															010				085								
	005	009																		010												
	001	010			025																											
		002																						002								
		150	032		025																											
		002			001																											
			007		020																											
					031																											
			010																													
			014	045																												
		033	010	023	100																											
		036	037																													
		009	110	001																												
			030	002																												
			090																													
		033		001																												
		002	019																													
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			009	012																												
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				023																												
				020																												
				015																												

August 1878 Wednesday 13th

KEW OBSERVATORY LAT. 51°28′ N LONG 0°19′ W

HOURLY VALUES August 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·335	30·329	30·322	30·311	30·307	30·303	30·303	30·301	30·292	30·279	30·270	30·253	30·223	30·193	30·167	30·135	30·121	30·116	30·114	30·116	30·112	30·105	30·110	30·109	1
2	30·089	30·071	30·055	30·039	30·027	30·018	30·007	29·987	29·975	29·964	29·951	29·932	29·921	29·897	29·887	29·873	29·857	29·846	29·839	29·827	29·806	29·789	29·757	29·708	2
3	29·681	29·665	29·660	29·667	29·669	29·681	29·687	·685	·674	·660	·690	·671	·670	·667	·663	·664	·671	·673	·691	·704	·716	·719	·722	·704	3
4	·709	·708	·695	·699	·697	·704	·701	·707	·712	·713	·707	·704	·703	·708	·720	·718	·735	·744	·764	·787	·799	·812	·823	·827	4
5	·830	·841	·838	·826	·821	·829	·841	·841	·848	·849	·840	·829	·825	·814	·810	·814	·800	·786	·788	·788	·811	·794	·772	·786	5
6	·744	·730	·718	·708	·707	·700	·699	·699	·697	·690	·691	·680	·672	·664	·657	·646	·647	·662	·676	·692	·703	·712	·712	·713	6
7	·710	·714	·718	·724	·742	·756	29·766	29·778	29·787	29·792	29·793	29·794	29·801	29·811	29·810	29·818	29·824	29·841	29·863	29·879	29·895	29·913	29·925	29·931	7
8	29·940	29·948	29·956	29·962	29·970	29·991	30·002	30·015	30·027	30·031	30·034	30·038	30·048	30·052	30·053	30·058	30·058	30·064	30·078	30·105	30·119	30·124	30·126	30·126	8
9	30·123	30·120	30·116	30·111	30·116	30·121	30·124	30·115	30·110	30·102	30·097	30·082	30·058	30·036	30·021	29·994	29·987	29·956	29·955	29·952	29·943	29·926	29·905	29·874	9
10	29·844	29·813	29·784	29·752	29·723	29·701	29·681	29·675	29·674	29·669	*	†29·641	*	†29·619	*	†·668	. . .	. . .	*	. . .	. . .	†·673	*	*	10
11	. . .	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	†·860	. . .	*	. . .	*	*	†·828	. . .	. . .	*	. . .	. . .	†·718	*	*	11
12	. . .	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	†·525	29·536	29·541	29·542	29·545	29·551	·552	29·554	29·557	29·577	29·605	29·633	·649	29·661	29·662	12
13	29·659	29·650	29·656	29·657	29·656	29·659	29·662	29·667	29·667	29·664	·642	·664	·659	·647	·641	·631	·615	·593	·586	·575	·549	·521	·479	·419	13
14	·350	·259	·229	·229	·243	·255	·266	·289	·325	·339	‡·360	†·384	‡·400	†·414	‡·440	†·455	‡·460	‡·490	‡·530	‡·560	‡·570	†·588	‡·600	‡·600	14
15	‡·600	‡·600	‡·590	‡·606	‡·600	‡·600	‡·600	‡·600	‡·600	†·589	‡·590	†·568	‡·580	†·557	‡·540	†·534	‡·520	‡·510	‡·510	‡·510	‡·500	†·499	‡·500	‡·490	15
16	·472	·444	·434	·422	·405	·404	·398	·398	·400	·392	·372	·368	·366	·374	·380	·381	·392	·406	·441	·468	·490	·510	29·540	29·574	16
17	29·598	29·623	29·646	29·675	29·711	29·740	29·788	29·816	29·844	29·868	29·888	29·905	29·912	29·916	·918	·919	·922	·934	·940	·961	·979	·996	30·005	30·015	17
18	30·016	30·019	30·012	30·013	30·022	30·028	30·042	30·040	30·045	30·045	30·033	30·022	30·017	30·001	‡·985	·971	·953	·950	·949	·953	·949	·929	29·913	29·913	18
19	29·905	29·889	29·871	29·849	29·844	29·845	29·849	29·841	29·834	29·828	29·824	29·810	29·809	29·806	·799	·806	·813	·811	·827	·846	·864	·873	·878	·882	19
20	·890	·888	·881	·890	·887	·900	29·900	29·908	29·913	29·916	29·916	·913	·914	·918	·916	·918	·919	·924	·938	·951	·960	·968	·980	·990	20
21	·998	·996	·991	·996	·988	·996	30·009	30·008	30·011	30·012	30·006	·996	·994	·984	·982	·973	·972	·969	·974	·982	·986	·988	·992	·983	21
22	·972	·959	·953	·940	·941	·939	29·934	29·932	29·928	29·908	29·896	·887	·875	·865	·850	·825	·813	·795	·772	·757	·741	·735	·707	·675	22
23	·639	·615	·579	·543	·537	·505	·501	·494	·492	·485	·490	·482	·478	·468	·458	·449	·448	·444	·444	·452	·443	·444	·438	·432	23
24	·427	·417	·414	·407	·405	·404	·404	·408	·410	·412	·414	·424	·413	·414	·407	·409	·411	·413	·420	·436	·449	·447	·449	·447	24
25	·441	·443	·449	·456	·465	·469	·472	·474	·482	·491	·483	·483	·475	·489	·487	·484	·489	·494	·497	·511	·505	·499	·499	·488	25
26	·483	·477	·466	·465	·459	·459	·459	·466	·463	·465	·469	·467	·465	·474	·473	·486	·491	·503	·525	·542	·563	·579	·599	·617	26
27	·619	·624	·625	·629	·635	·647	·651	·653	·652	·642	·641	·642	·638	·640	·638	·640	·645	·646	·649	·658	·661	·665	·672	·676	27
28	·671	·670	·675	·684	·693	·706	·723	·730	·735	·740	·735	·731	·730	·730	·727	·736	·734	·745	·759	·771	·785	·790	·786	·775	28
29	·781	·761	·749	·711	·724	663	·671	·641	·623	·587	·548	·536	·528	·517	·523	·512	·496	·478	·481	·487	·482	·462	·438	·410	29
30	·378	·343	·304	·244	·166	·118	·174	·286	·343	·372	·397	·415	·436	·439	·449	·467	·469	·485	·496	·510	·513	·522	·527	·533	30
31	29·539	29·541	29·543	29·543	29·550	29·553	29·564	29·579	29·597	29·609	29·615	29·629	29·639	29·654	29·665	29·682	29·707	29·727	29·751	29·780	29·801	29·814	29·825	29·837	31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	56·9	56·7	56·5	56·0	55·0	54·9	55·6	56·1	58·2	59·0	60·7	62·0	64·5	66·3	67·7	69·0	69·0	65·8	62·8	59·5	58·2	58·8	56·7	56·0	1
2	56·0	55·1	55·2	55·2	55·2	55·7	56·5	57·0	58·0	61·0	62·2	67·5	69·0	69·1	69·0	66·9	66·1	66·0	65·0	63·0	62·0	61·0	59·6	60·1	2
3	60·8	61·2	60·3	59·2	59·0	58·6	59·1	60·3	62·5	64·0	54·9	57·5	59·4	61·7	63·8	63·7	64·4	62·7	62·1	59·8	58·9	59·0	58·7	58·3	3
4	58·1	56·1	56·0	56·1	56·6	57·0	58·4	60·1	62·1	63·6	65·0	66·7	70·0	67·2	66·9	68·0	64·9	64·6	63·3	62·0	61·0	59·9	59·4	58·9	4
5	58·9	58·7	57·8	57·5	57·0	58·6	61·0	64·8	67·1	71·0	72·1	72·9	74·1	74·5	76·0	75·6	73·0	70·9	67·4	66·2	63·5	62·9	62·3	61·0	5
6	60·7	60·9	60·2	60·2	60·1	60·6	62·3	65·5	67·8	69·2	72·8	72·1	73·9	74·1	72·3	72·2	72·9	69·0	66·7	65·5	64·6	63·8	63·0	62·0	6
7	61·4	60·5	59·5	60·0	59·5	61·1	63·0	64·5	66·4	67·4	68·0	69·1	70·0	70·0	71·0	72·0	72·0	68·4	66·8	65·2	63·4	62·4	62·5	62·0	7
8	60·7	60·0	59·2	59·0	59·0	59·2	61·3	64·0	66·0	68·0	67·2	70·8	71·8	71·9	73·0	72·8	74·2	73·0	71·2	65·7	64·0	61·6	60·2	59·0	8
9	58·0	56·6	57·1	55·5	54·3	57·0	59·5	63·0	63·3	69·0	70·1	70·0	74·0	74·3	75·0	76·0	74·3	74·0	69·5	65·6	64·0	62·4	63·0	62·5	9
10	62·1	62·0	61·8	62·0	62·5	64·0	64·9	64·5	65·3	66·2	66·9	67·0	67·1	65·3	67·2	68·0	71·8	70·0	67·7	67·0	64·2	63·7	62·1	61·4	10
11	61·5	60·5	59·0	57·2	56·0	57·1	58·9	61·0	63·0	65·0	66·5	66·6	68·0	69·1	68·1	66·0	65·0	63·4	62·3	61·5	60·5	60·5	60·2	60·0	11
12	60·3	60·4	60·0	60·1	60·1	61·1	59·9	62·0	63·7	64·1	64·8	66·3	65·0	66·5	68·7	66·5	66·0	64·4	63·7	63·0	59·5	56·9	55·6	55·1	12
13	55·5	56·0	56·9	57·9	58·5	59·1	60·3	61·0	62·3	63·9	64·2	65·7	64·8	65·2	64·4	64·2	64·0	63·0	61·7	62·0	61·6	60·5	59·3	58·6	13
14	59·5	60·1	62·0	62·9	63·6	63·8	63·5	64·9	65·8	67·0	68·2	69·0	69·4	71·0	71·9	71·8	71·6	70·1	67·6	65·8	64·3	63·1	61·9	60·0	14
15	60·1	59·1	58·0	57·8	58·0	58·9	61·0	62·3	64·2	65·2	66·2	67·6	69·0	68·0	67·0	69·0	68·0	68·8	64·0	61·9	60·8	60·6	59·6	58·8	15
16	58·6	57·0	56·2	56·7	57·3	57·1	58·3	60·5	62·8	60·1	63·8	65·2	66·0	63·5	61·1	62·7	63·7	64·6	59·0	59·0	58·3	58·0	57·0	56·0	16
17	55·1	54·2	53·9	53·0	52·1	52·7	54·6	56·3	59·6	60·1	61·6	62·4	64·5	64·3	65·8	64·8	64·9	62·4	62·2	60·7	59·8	58·5	57·9	56·6	17
18	56·0	55·2	54·7	53·7	53·6	54·0	56·1	59·0	62·4	63·1	66·8	66·9	69·7	69·6	69·9	71·0	69·5	67·1	65·0	61·6	61·0	60·0	58·8	58·5	18
19	58·0	57·5	57·9	57·4	57·2	57·3	58·5	60·8	62·2	65·0	66·7	67·1	68·1	68·1	69·9	69·0	67·9	65·5	63·0	63·0	61·0	60·9	60·2	58·0	19
20	56·6	55·5	55·0	54·0	54·0	54·0	*	58·5	59·6	61·2	63·0	64·0	65·0	64·9	64·1	63·2	62·3	61·2	60·0	58·6	58·0	57·8	57·4	57·2	20
21	56·0	55·5	54·3	53·8	53·6	54·2	55·4	57·0	59·1	61·0	63·0	65·2	66·9	66·9	65·0	65·5	63·0	62·0	61·0	60·0	59·8	59·0	58·1	57·3	21
22	58·1	57·1	57·9	57·7	56·3	56·3	58·5	60·1	63·0	64·9	66·5	67·7	67·0	66·4	65·2	64·1	63·9	63·0	62·6	62·2	61·2	59·8	60·0	60·0	22
23	60·0	59·9	59·2	59·2	60·0	60·3	61·0	61·1	63·8	65·0	66·0	66·5	68·0	68·6	69·3	65·2	62·2	62·4	64·5	60·1	60·0	58·4	57·0	57·0	23
24	58·2	58·1	58·9	59·0	59·0	59·2	59·1	60·7	62·0	64·1	66·0	66·7	66·6	64·6	67·0	65·9	62·4	62·4	61·1	60·0	59·2	59·0	59·0	58·1	24
25	58·1	56·6	55·6	55·1	55·0	56·0	57·0	58·0	59·0	60·5	63·6	66·0	67·0	59·7	61·9	62·1	61·9	61·9	61·0	60·0	58·2	56·6	55·0	54·0	25
26	52·9	53·1	53·7	52·1	52·0	52·5	56·3	59·6	62·1	64·0	65·8	66·1	67·4	68·2	68·7	68·6	67·2	67·1	65·0	62·5	61·7	60·1	58·7	60·8	26
27	60·8	59·8	60·2	60·1	60·2	60·0	62·0	63·6	63·3	62·8	62·0	65·9	68·7	66·8	69·2	69·0	66·3	65·1	62·5	60·9	59·6	60·0	59·2	59·5	27
28	59·1	58·8	59·0	58·7	58·0	58·2	60·2	61·3	63·4	64·5	66·5	66·9	66·1	65·2	66·3	64·5	67·0	65·9	64·0	62·9	62·0	61·1	59·9	59·7	28
29	60·0	59·0	58·5	57·4	58·2	58·8	60·0	60·1	60·7	63·8	66·7	67·0	67·2	68·0	70·0	67·4	67·9	65·6	63·0	59·6	58·1	60·6	60·0	60·3	29
30	60·9	60·1	59·0	59·1	58·9	59·6	60·1	59·8	61·8	62·7	61·1	63·3	62·6	66·2	65·7	62·1	61·0	60·0	59·0	58·9	59·0	59·0	58·8	58·4	30
31	58·0	58·0	58·0	58·1	58·1	58·6	59·5	60·5	59·7	60·0	61·8	64·3	64·1	64·7	66·6	64·5	64·6	63·6	62·3	61·1	60·7	59·4	58·6	58·8	31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
53·9	53·7	53·6	53·0	52·3	52·1	52·9	53·0	54·3	54·8	56·0	57·0	58·5	59·9	60·2	60·3	61·8	60·2	58·9	57·0	55·6	54·8	52·9	52·3	1
51·8	51·4	51·6	51·7	52·0	52·1	53·2	54·0	56·5	58·3	59·4	57·0	58·5	57·8	58·0	57·5	57·3	57·3	57·0	56·2	55·9	55·2	56·5	57·0	2
58·0	58·6	57·3	57·0	57·0	56·6	56·9	57·3	58·5	58·1	54·0	56·0	56·7	58·9	59·8	59·5	60·0	58·2	58·9	57·9	57·9	57·6	57·1	57·0	3
56·8	54·7	54·4	54·9	55·1	55·5	56·3	*	58·0	59·8	60·3	61·0	63·2	61·1	60·8	62·2	60·3	61·0	60·0	59·1	58·7	57·7	57·7	57·2	4
57·8	57·8	56·8	56·8	57·0	57·6	59·0	61·7	63·6	65·9	65·0	64·0	65·0	65·6	66·5	65·1	64·0	62·2	62·0	61·9	60·0	61·8	61·1	59·2	5
59·2	58·9	58·6	58·6	59·0	59·9	61·0	63·2	64·7	65·3	66·0	66·4	67·2	67·1	65·5	65·3	65·3	63·7	62·9	62·6	62·0	61·4	61·0	60·2	6
59·8	59·0	58·3	58·7	58·5	60·0	61·0	61·0	61·9	61·5	62·5	62·0	64·0	63·6	63·9	64·2	64·1	62·2	61·8	61·8	60·5	60·0	60·6	60·3	7
59·4	58·6	58·3	58·0	57·9	58·1	59·4	60·3	62·0	61·5	62·0	63·2	61·2	61·8	62·3	62·1	62·1	62·0	62·0	60·1	60·3	59·8	58·6	58·6	8
57·2	56·0	56·2	55·0	54·1	56·0	57·6	59·3	60·9	63·4	62·0	61·0	63·2	63·5	64·9	63·0	64·0	63·9	61·5	60·0	58·6	58·1	57·7	57·0	9
57·0	57·3	57·9	58·1	59·0	59·1	60·7	61·4	62·9	64·2	64·6	64·6	65·0	64·0	64·9	64·8	67·1	65·5	64·5	64·1	63·3	62·0	60·6	59·6	10
59·6	58·0	57·1	56·0	55·0	55·1	56·0	57·0	58·3	58·4	59·5	58·4	58·8	60·2	60·6	59·3	59·0	58·1	57·8	57·4	57·5	57·8	57·6	57·6	11
57·9	57·9	58·0	57·9	57·9	58·3	58·0	59·9	61·0	62·0	63·0	62·1	62·7	63·8	66·0	63·4	63·0	62·8	62·0	59·2	56·8	54·0	53·5	53·1	12
53·5	54·1	54·8	55·8	56·3	56·7	57·4	57·9	58·8	59·6	60·0	60·6	60·7	59·8	59·6	60·0	60·1	60·0	60·1	59·8	59·5	59·0	58·5	58·0	13
58·9	59·6	61·1	62·0	61·9	62·0	60·8	60·4	60·9	60·7	61·9	62·0	63·9	64·0	64·0	64·3	63·7	62·8	61·4	61·0	60·7	60·0	58·7	58·2	14
58·4	57·9	56·9	56·7	57·0	57·4	59·0	60·1	60·5	58·5	58·0	59·0	60·4	59·1	59·8	60·9	60·0	61·2	58·0	57·1	57·8	58·0	57·6	57·0	15
57·1	60·0	55·8	56·1	56·5	56·8	57·0	58·5	59·9	59·2	61·2	61·0	60·4	59·5	59·4	60·7	60·3	59·1	57·1	57·2	57·0	55·4	54·1	53·6	16
53·2	52·8	52·0	50·8	50·0	50·3	51·2	52·0	53·2	54·0	53·7	53·8	55·8	56·3	57·2	57·0	57·5	59·0	58·1	57·5	57·0	56·1	55·9	55·0	17
54·8	54·0	53·8	53·0	52·8	53·1	54·9	56·6	59·3	59·0	60·0	61·0	61·8	62·8	61·5	61·4	62·0	61·6	61·0	60·0	59·9	59·0	57·9	57·9	18
57·6	57·0	57·0	56·7	56·7	56·5	57·0	58·6	59·9	60·6	60·9	60·2	60·7	63·0	62·1	62·5	60·4	58·2	58·5	59·1	58·9	58·7	57·0	56·0	19
55·1	54·1	54·0	53·2	53·0	52·8	53·0	55·0	55·1	55·8	57·1	57·2	58·3	58·1	56·9	57·5	57·4	57·0	55·5	55·0	55·0	54·1	54·0	54·0	20
53·2	52·7	51·8	51·3	51·0	51·2	52·2	53·0	54·6	55·5	57·8	58·0	59·5	58·8	58·5	59·0	57·2	56·8	56·7	56·0	55·7	55·3	54·9	55·0	21
55·1	55·1	55·9	55·4	54·0	55·0	56·1	56·9	57·7	58·2	59·7	60·4	60·1	59·1	59·2	58·9	58·2	58·0	57·9	57·8	58·1	58·9	58·9	58·4	22
58·7	58·5	58·7	58·6	59·0	59·1	59·9	60·1	61·7	62·5	63·4	64·2	65·3	64·9	64·2	62·1	61·8	61·6	60·5	59·8	59·3	58·0	57·0	57·0	23
58·0	58·1	58·7	58·8	58·8	58·9	58·2	59·1	60·0	60·7	62·1	60·3	60·0	62·6	62·6	60·0	60·3	60·0	59·9	59·0	58·1	58·7	58·2	58·0	24
57·1	56·0	55·0	54·8	55·0	56·0	56·2	56·9	58·0	58·6	60·1	61·2	61·4	59·7	61·0	61·0	61·0	60·5	60·0	59·0	58·6	58·5	54·9	53·6	25
52·6	53·0	53·6	53·8	52·0	52·2	55·9	58·0	59·8	60·1	61·2	61·0	61·7	61·6	62·5	62·4	64·0	61·9	62·0	60·8	60·5	59·6	58·0	59·8	26
59·0	58·7	59·2	59·3	59·2	59·0	60·1	61·1	61·8	62·0	61·3	63·0	62·5	62·0	62·0	61·9	61·0	61·5	58·7	57·7	57·3	58·0	57·7	57·9	27
57·9	57·6	57·5	57·0	56·7	56·9	58·0	58·7	59·2	59·4	60·9	60·0	61·7	60·8	61·1	62·5	62·0	61·0	60·5	60·1	60·0	59·7	58·7	58·7	28
59·0	58·0	58·0	57·0	57·8	58·0	58·9	59·0	59·2	61·5	63·4	64·5	64·7	65·0	64·5	59·8	60·5	59·3	58·1	56·6	56·0	58·7	58·2	58·0	29
58·0	58·0	58·0	58·1	58·0	58·7	58·8	57·1	58·3	58·8	60·0	61·6	61·0	60·0	61·1	59·9	59·0	59·0	58·1	58·2	58·6	58·0	57·5	57·5	30
56·9	56·8	56·9	57·0	57·0	57·1	57·5	57·6	57·7	58·2	59·5	59·8	59·3	60·0	60·0	60·0	59·0	58·5	58·1	57·9	57·5	57·0	56·6	56·8	31

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H SCOTT, Secretary.

KEW OBSERVATORY LAT 51°28'N. LONG: 0°19' W. HOURLY VALUES August 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	5	10.5	5	8.5	5	9.5	5	9.5	5	9.5	5	11	4	9.5	4	10.5	4	13	3	11	4	13	4	10.5
2	5	15	4	13	4	10.5	4	15	4	13	4	12	3	13	2	13	2	13	4	15	7	27	5	27
3	32	18	2	21	4	18	5	13	4	15	5	13	4	12	3	12	4	12	4	13	9	16	9	4.5
4	16	7.5	32	5.5	32	2	32	2	32	4	32	5.5	24	4.5	24	4	24	4	21	4.5	17	4.5	17	8.5
5	17	5.5	17	5.5	17	5.5	9	5.5	9	4	9	7.5	9	9.5	9	8.5	14	5.5	12	8.5	12	8.5	11	12
6	7	9.5	7	13	7	7.5	7	10.5	7	5.5	7	3	7	7.5	8	6.5	13	4.5	16	7.5	16	9.5	16	11
7	18	7.5	18	7.5	18	5.5	18	4.5	18	5.5	18	7.5	18	8.5	20	13	18	14	18	14	19	16	19	18
8	19	6.5	19	7.5	19	5.5	19	5.5	19	6.5	19	6.5	19	10.5	21	11	21	12	23	13	23	10.5	20	12
9	23	3	23	2	23	1.5	23	1.5	23	2	23	2	23	2	23	2	19	4.5	16	6.5	17	8.5	18	7.5
10	11	6.5	11	5.5	11	6.5	11	7.5	11	5.5	11	8.5	11	7.5	13	7.5	12	4.5	12	9.5	14	9.5	16	10.5
11	27	10.5	27	6.5	26	5.5	26	4	26	5.5	25	7.5	24	9.5	25	7.5	24	8.5	25	6.5	25	6.5	22	6.5
12	17	10.5	17	13	17	14	16	16	17	15	17	21	17	18	16	19	19	19	19	15	22	15	18	15
13	20	7.5	20	9.5	20	10.5	20	10.5	20	11	20	13	20	12	20	13	20	17	20	15	21	15	19	19
14	16	18	16	19	20	17	20	17	21	18	21	17	21	22	23	20	23	19	23	22	23	22	23	24
15	22	6.5	22	6.5	22	6.5	22	4.5	22	6.5	22	4.5	20	8.5	22	10.5	21	10.5	19	10.5	21	11	19	13
16	17	4	17	4	17	2	17	7.5	17	4	17	3	17	4	17	4.5	16	9.5	16	6.5	17	10.5	19	11
17	24	12	23	11	23	8.5	23	9.5	23	9.5	23	10.5	23	13	24	13	24	15	24	15	24	18	24	15
18	20	8.5	20	6.5	20	4	20	5.5	20	3	20	5.5	20	4.5	20	7.5	21	7.5	23	7.5	18	7.5	20	7.5
19	19	3	19	4	19	3	19	5.5	19	4	19	4.5	19	6.5	19	8.5	7	9.5	7	15	5	14	6	13
20	4	8.5	4	7.5	4	6.5	4	4.5	4	5.5	4	4	4	4.5	4	10.5	5	11	5	10.5	6	11	7	10.5
21	9	5.5	9	4.5	9	4.5	9	4.5	9	6.5	9	3	9	4	9	6.5	9	12	8	12	8	11	8	12
22	9	4	9	4.5	9	8.5	9	10.5	9	8.5	9	4	9	8.5	9	13	8	16	8	23	8	23	8	23
23	7	19	7	17	6	17	7	20	7	22	8	20	8	17	8	17	8	15	10	15	10	12	15	9.5
24	4	2	4	3	4	1.5	4	4.5	4	4.5	4	4.5	4	5.5	4	4.5	2	6.5	31	7.5	1	6.5	6	6.5
25	29	2	29	4	29	4.5	29	2	29	4.5	29	3	29	4.5	29	4	24	5.5	24	7.5	22	5.5	25	6.5
26	18	1.5	18	2	18	2	18	1.5	18	2	18	2	18	2	18	1.5	18	2	18	4	18	5.5	18	5.5
27	18	7.5	18	6.5	18	8.5	18	6.5	18	7.5	18	5.5	18	8.5	17	9.5	17	6.5	17	5.5	23	8.5	19	20
28	19	8.5	19	11	19	11	19	10.5	19	8.5	19	8.5	19	13	19	18	20	18	20	12	19	19	19	20
29	20	4	20	3	20	4	20	4	20	7.5	10	10.5	10	5.5	8	8.5	8	12	8	20	9	18	13	11
30	15	16	14	15	14	14	13	17	14	30	17	33	20	30	21	20	22	20	23	13	21	13	20	15
31	21	9.5	20	10.5	20	8.5	20	12	20	11	21	9.5	21	12	21	11	23	12	22	10.5	23	15	24	11

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	6	12	5	12	4	12	5	12	9	13	8	17	9	11	9	8.5	9	10.5	4	18	6	16	4	12
2	5	30	6	32	5	29	6	25	5	23	5	20	5	15	4	11	2	15	32	15	32	16	32	19
3	5	7.5	5	11	6	18	6	18	7	15	7	10.5	4	7.5	9	2	9	3	8	5.5	8	5.5	7	4
4	17	12	15	14	18	9.5	17	10.5	19	13	17	8.5	17	7.5	17	4.5	17	5.5	17	4	17	4	17	4.5
5	11	13	11	14	10	13	11	10.5	11	10.5	11	12	8	13	8	15	15	13	12	4.5	4	10.5	7	12
6	17	17	16	17	17	16	17	15	17	19	18	15	18	10.5	18	7.5	18	9.5	18	8.5	18	7.5	18	10.5
7	18	20	18	19	19	20	19	20	19	17	19	16	19	11	19	7.5	19	10.5	19	8.5	19	10.5	19	8.5
8	24	14	24	13	23	13	24	8.5	22	10.5	23	7.5	23	5.5	23	5.5	23	4.5	23	4	23	4.5	23	2
9	18	6.5	17	8.5	17	7.5	17	8.5	17	8.5	16	8.5	16	6.5	14	4.5	14	4	14	6.5	14	5.5	12	9.5
10	16	9.5	18	10.5	18	11	18	13	17	9.5	18	10.5	19	7.5	19	8.5	27	4	25	5.5	25	6.5	26	8.5
11	22	10.5	21	10.5	20	14	19	15	19	16	19	15	20	10.5	19	10.5	19	10.5	18	12	18	12	18	8.5
12	18	16	19	13	17	14	19	17	19	12	20	12	19	11	21	10.5	21	9.5	21	8.5	21	8.5	20	8.5
13	19	20	19	22	19	20	19	17	19	17	18	18	19	13	18	13	18	12	18	14	17	12	17	10.5
14	23	21	23	22	22	17	22	18	23	15	23	14	23	10.5	24	8.5	24	9.5	23	7.5	22	6.5	22	6.5
15	20	13	21	11	20	15	19	15	19	13	19	10.5	19	11	19	7.5	19	7.5	19	6.5	19	5.5	17	7.5
16	20	13	24	10.5	23	5.5	22	8.5	22	11	26	6.5	26	9.5	26	4.5	24	8.5	24	9.5	23	10.5	24	10.5
17	22	17	23	14	22	13	21	17	20	13	21	11	20	13	19	12	20	9.5	20	10.5	20	10.5	20	8.5
18	22	7.5	19	4.5	19	3	19	3	19	2	19	1.5	19	2	19	2	19	1.5	19	2	19	3	19	3
19	4	13	8	13	8	16	8	15	9	14	9	13	9	8.5	5	8.5	4	4.5	4	5.5	4	9.5	4	4.5
20	10	9.5	10	12	9	11	9	6.5	9	6.5	9	8.5	9	6.5	9	3	9	2	9	4.5	9	4.5	9	4.5
21	10	11	8	14	7	13	7	15	8	15	9	11	9	11	9	10.5	9	9.5	9	8.5	9	4.5	9	2
22	7	23	8	24	8	27	8	24	8	29	7	28	7	26	7	26	7	19	7	17	8	16	7	20
23	15	6.5	17	5.5	17	4	5	12	5	9.5	5	7.5	5	9.5	8	6.5	8	4	4	3	4	4	4	2
24	6	3	6	5.5	26	6.5	29	8.5	29	4	29	4.5	29	3	29	3	29	4.5	29	4.5	29	2	29	2
25	21	6.5	20	11	20	5.5	18	6.5	18	7.5	18	7.5	18	6.5	18	4	18	3	18	4	18	1.5	18	1.5
26	18	4	18	3	18	2	18	2	18	3	18	4.5	18	4	18	6.5	18	5.5	18	4.5	18	5.5	18	6.5
27	18	20	19	20	20	24	19	20	17	19	18	14	19	12	19	6.5	19	10.5	19	13	19	7.5	19	9.5
28	19	23	19	23	19	25	20	15	20	14	20	14	20	11	20	8.5	20	10.5	20	5.5	20	3	20	4
29	16	15	17	15	18	19	19	19	19	13	19	8.5	19	4.5	19	5.5	19	8.5	17	7.5	16	10.5	16	11
30	22	13	23	18	20	18	19	13	19	9.5	19	13	19	15	19	10.5	20	9.5	20	9.5	21	13	21	10.5
31	24	13	23	17	24	15	24	13	23	15	24	10.5	24	10.5	24	9.5	23	9.5	23	8.5	23	7.5	23	7.5

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1																								
2																								
3	.025										.075	.180	.015	.005										
4	.225	.715	.135	.050														.010						
5	.005	.025	.035																		.005	.215	.030	.030
6	.010				.005	.005																		
7																								
8																								
9																								
10										.025	.010			.065	.010						.265	.160		
11																								
12							.015					.025	.065	.110	.100	.010		.005	.005					
13												.005										.025	.075	.035
14	.080	.010	.080																					
15																						.010		
16				.030	.190	.005				.100				.070	.025	.005			.120					
17																								
18										.010														
19																								
20																								
21																								
22																						.100	.160	.040
23	.015	.025	.180	.060								.140	.075				.365	.020						
24												.165	.190	.025			.030							
25														.450	.085									
26				.010																				
27										.075	.085	.010	.005	.010										
28																.010	.005							
29						.015	.005	.010																
30			.035	.015	.020	.030					.115	.015	.045				.040	.080	.010	.080	.010			
31										.020	.035	.010	.035	.005										
105	360	775	465	165	215	105	020	010		220	320	550	430	740	220	025	440	115	135	080	280	510	265	105

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	[illegible]	.373	.374	.365	.357	.353	.367	.364	.372	.375	.387	.399	.411	.428	.422	.410	.451	.443	.443	.430	.407	.378	.353	.348
2	[illegible]	.334	.337	.340	.347	.346	.363	.377	.436	.448	.406	.344	.365	.347	.353	.361	.362	.363	.366	.366	.370	.363	.414	.422
3	[illegible]	.461	.428	.433	.436	.430	.432	.428	.436	.406	.405	.399	.422	.457	.458	.450	.455	.424	.451	.453	.466	.455	.444	.446
4	[illegible]	.410	.402	.415	.414	.420	.424	*	.426	.460	.456	.456	.482	.454	.448	.476	.457	.484	.470	.459	.461	.445	.452	.444
5	[illegible]	.466	.448	.452	.451	.461	.470	.503	.534	.557	.513	.473	.491	.504	.513	.475	.472	.443	.478	.490	.468	.535	.519	.477
6	[illegible]	.469	.469	.469	.484	.503	.516	.544	.562	.560	.607	.560	.562	.556	.527	.522	.513	.508	.516	.523	.516	.508	.506	.494
7	[illegible]	.478	.470	.475	.477	.501	.506	.485	.488	.463	.486	.456	.508	.492	.491	.489	.486	.471	.480	.501	.485	.482	.500	.497
8	[illegible]	.472	.474	.467	.464	.467	.478	.470	.496	.456	.480	.472	.406	.422	.424	.421	.409	.416	.434	.447	.470	.487	.469	.439
9	[illegible]	.440	.439	.426	.414	.434	.454	.452	.471	.498	.445	.418	.441	.445	.476	.423	.459	.460	.438	.439	.420	.425	.406	.393
10	[illegible]	.407	.426	.430	.450	.434	.470	.498	.536	.568	.573	.571	.583	.575	.579	.562	.588	.559	.557	.553	.568	.530	.506	.484
11	[illegible]	.446	.439	.431	.419	.407	.408	.410	.423	.402	.416	.385	.382	.406	.429	.414	.418	.413	.417	.419	.432	.440	.438	.441
12	[illegible]	.444	.453	.449	.449	.447	.454	.484	.496	.523	.489	.495	.534	.550	.593	.536	.529	.547	.530	.449	.396	.378	.382	.377
13	[illegible]	.394	.400	.416	.423	.426	.431	.436	.446	.450	.458	.456	.472	.438	.443	.458	.464	.474	.481	.481	.478	.478	.479	.473
14	[illegible]	.503	.524	.542	.528	.528	.493	.460	.464	.444	.464	.449	.453	.491	.484	.485	.497	.497	.501	.480	.488	.495	.489	.475
15	[illegible]	.463	.448	.445	.451	.450	.470	.486	.474	.403	.378	.391	.413	.390	.419	.426	.413	.437	.403	.403	.436	.445	.447	.439
16	[illegible]	.434	.431	.442	.446	.458	.446	.462	.474	.490	.602	.475	.446	.453	.482	.500	.474	.428	.439	.442	.446	.404	.380	.381
17	[illegible]	.380	.361	.342	.334	.334	.334	.336	.335	.343	.320	.315	.342	.356	.363	.368	.380	.451	.427	.429	.426	.417	.419	.411
18	[illegible]	.401	.402	.393	.388	.391	.414	.424	.460	.442	.486	.454	.449	.474	.433	.420	.452	.470	.478	.493	.500	.485	.467	.472
19	[illegible]	.458	.452	.459	.453	.446	.444	.464	.481	.466	.453	.429	.432	.499	.450	.472	.425	.391	.429	.446	.467	.462	.420	.421
20	[illegible]	.400	.403	.394	.388	.382	*	.387	.376	.376	.390	.381	.399	.395	.373	.399	.405	.408	.382	.385	.393	.372	.373	.375
21	[illegible]	.363	.352	.346	.339	.337	.350	.351	.369	.371	.409	.388	.412	.393	.405	.412	.392	.394	.402	.395	.389	.388	.389	.401
22	[illegible]	.407	.419	.408	.387	.415	.417	.419	.406	.397	.421	.428	.427	.405	.422	.427	.410	.414	.418	.419	.440	.485	.482	.466
23	[illegible]	.471	.487	.484	.485	.483	.500	.504	.518	.527	.543	.564	.580	.555	.518	.510	.546	.536	.512	.509	.495	.476	.459	.463
24	[illegible]	.484	.491	.493	.493	.494	.472	.478	.487	.482	.499	.518	.509	.533	.502	.436	.490	.482	.498	.485	.469	.485	.474	.480
25	[illegible]	.440	.425	.426	.433	.449	.440	.448	.467	.465	.469	.470	.465	.513	.522	.519	.522	.506	.503	.485	.479	.456	.436	.406
26	[illegible]	.402	.411	.382	.388	.387	.441	.459	.480	.464	.473	.463	.464	.456	.476	.474	.546	.479	.510	.507	.509	.503	.472	.499
27	[illegible]	.478	.489	.493	.489	.485	.490	.501	.528	.543	.531	.531	.476	.486	.455	.454	.461	.493	.441	.431	.437	.453	.455	.457
28	[illegible]	.458	.452	.441	.442	.445	.450	.457	.444	.437	.456	.425	.485	.469	.464	.535	.483	.465	.477	.478	.487	.491	.477	.480
29	[illegible]	.467	.475	.459	.473	.470	.482	.483	.482	.512	.533	.567	.571	.569	.525	.415	.428	.419	.417	.417	.420	.467	.459	.449
30	[illegible]	.452	.467	.469	.469	.481	.477	.429	.438	.441	.501	.522	.512	.432	.471	.483	.470	.485	.470	.476	.487	.467	.485	.461
31	[illegible]	.445	.448	.449	.449	.445	.445	.434	.448	.459	.475	.451	.439	.451	.434	.454	.423	.422	.426	.435	.429	.431	.430	.433

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W

HOURLY VALUES September 1878.

BAROMETER. CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30.098	30.097	30.107	30.111	30.118	30.135	30.138	30.156	30.152	30.162	30.168	30.173	30.174	30.182	30.187	30.188	30.188	30.189	30.193	30.204	30.198	30.199	30.187	30.172	1
2	.172	.163	.149	.131	.111	.110	.111	.106	.107	.105	30.102	.087	30.094	.092	30.085	.076	30.063	30.058	30.057	30.060	30.062	.056	30.059	30.057	2
3	30.056	30.059	30.055	30.052	30.056	30.063	30.061	30.069	30.082	.091	*	†.088	*	†.087	*	†30.088	...	...	*	...	...	†30.087	*	*	3
4	...	...	...	...	*	...	...	...	...	†30.038	*	†30.014	*	†30.005	*	†29.993	...	...	*	...	...	†29.996	*	*	4
5	...	...	*	...	...	†29.970	†29.960	†29.970	†29.970	†29.973	29.970	29.967	29.967	29.967	29.960	29.959	29.956	29.959	29.965	29.974	29.983	29.994	29.990	29.985	5
6	29.979	29.973	29.964	29.955	29.958	.975	.986	30.005	30.009	30.035	30.035	30.049	30.056	30.042	30.054	30.042	30.037	30.038	30.034	30.042	30.036	30.037	30.032	30.028	6
7	30.024	30.010	29.996	29.995	29.988	29.995	29.998	.005	.008	.027	.026	.024	.026	.036	.026	.033	.038	.047	.063	.078	.093	.097	.097	.097	7
8	.097	.098	30.091	30.095	30.096	30.102	30.110	.105	.100	.096	.097	.093	.085	.076	.065	.058	.055	.054	.047	.053	.047	.035	.035	.022	8
9	.011	.005	29.993	29.982	29.975	29.985	29.991	.006	.027	.052	.064	.086	.102	.109	.120	.132	.141	.159	.168	.191	.191	.206	.203	.202	9
10	.199	.196	30.195	30.194	30.191	30.194	30.194	.205	.207	.203	.204	.197	.194	.187	.186	.173	.170	.173	.178	.185	.185	.183	.175	.170	10
11	.165	.158	.149	.142	.144	.139	.144	.153	.161	.167	.167	.168	.164	.159	.147	.147	.157	.161	.167	.185	.191	.195	.186	.196	11
12	.197	.193	.184	.187	.177	.206	.219	.243	.260	.279	.288	.299	.301	.306	.302	.304	.296	.295	.298	.308	.309	.315	.313	30.302	12
13	30.282	30.270	30.256	30.237	30.230	30.218	30.204	30.208	30.197	30.182	30.169	30.164	30.150	30.128	30.107	30.090	30.073	30.063	30.055	30.047	30.036	30.020	30.011	29.998	13
14	29.986	29.975	29.970	29.959	29.946	29.949	29.948	29.949	29.951	29.955	29.954	29.948	29.939	29.925	29.903	29.890	29.868	29.855	29.842	29.835	29.815	29.795	29.763	.721	14
15	.694	.656	.621	.586	.547	.507	.470	.423	.383	29.378	29.364	29.378	29.380	29.396	29.410	29.433	29.464	29.488	29.525	29.556	29.585	29.617	29.647	29.681	15
16	29.705	.753	.783	.820	.853	.879	.905	.943	.972	30.009	30.025	30.041	30.056	30.061	30.060	30.062	30.071	30.077	30.069	30.068	30.064	30.054	30.037	30.022	16
17	30.006	.991	.973	.966	.953	.954	.951	.948	.947	29.940	29.929	29.906	29.881	29.854	29.828	29.812	29.781	29.762	29.746	29.740	29.720	29.708	29.705	29.716	17
18	29.720	.736	.740	.744	.747	.761	.783	.800	.821	.846	.839	.860	.854	.859	.858	.872	.883	.886	.906	.922	.931	.937	.932	.930	18
19	.934	.926	.914	29.913	29.908	29.905	29.915	29.908	29.905	29.898	29.879	29.864	29.849	29.841	29.834	29.838	29.843	29.850	29.876	29.903	29.915	29.936	29.939	29.959	19
20	29.968	29.984	30.002	30.017	30.038	30.062	30.087	30.113	30.127	30.150	30.161	30.168	30.179	30.193	30.191	30.194	30.194	30.199	30.203	30.215	30.216	30.214	30.205	30.192	20
21	30.184	30.179	30.151	30.138	30.119	30.107	30.097	30.082	30.070	30.064	30.040	30.011	29.978	29.945	29.909	29.826	29.849	29.817	29.785	29.763	29.740	29.719	29.726	29.706	21
22	29.709	29.707	29.705	29.677	29.645	29.637	29.642	29.641	29.639	29.645	29.638	29.631	.619	.616	.614	.609	.602	.603	.598	.591	.571	.561	.559	.548	22
23	.547	.553	.573	.589	.606	.621	.627	.631	.635	.633	.638	.638	.616	.616	.600	.598	.589	.569	.564	.558	.561	.595	.618	.652	23
24	.664	.679	.698	.711	.714	.750	.779	.791	.803	.811	.809	.817	.827	.828	.820	.817	.808	.796	.772	.754	.730	.704	.699	.677	24
25	.670	.653	.621	.593	.570	.559	.556	.559	.586	29.627	.664	.701	.719	29.753	29.769	29.800	.814	.847	.862	.885	.898	.911	.922	.930	25
26	.936	.940	.935	.938	.939	29.954	29.948	29.966	29.984	30.000	29.992	29.996	29.996	30.002	30.003	30.001	29.997	29.997	29.990	29.995	29.987	29.985	29.977	29.983	26
27	29.989	29.994	29.987	29.989	29.992	30.007	30.019	30.039	30.050	.057	30.066	30.072	30.075	.077	.072	.072	30.072	30.069	30.071	30.071	30.073	30.074	30.069	30.064	27
28	30.056	30.051	30.046	30.044	30.040	30.038	30.040	30.048	30.049	30.047	30.046	30.045	30.037	30.037	30.021	30.007	29.998	29.998	29.999	29.990	29.983	29.979	29.968	29.953	28
29	29.938	29.924	29.915	29.895	29.894	29.881	29.883	29.880	29.872	29.865	29.856	29.831	29.804	29.801	29.800	29.816	.806	.752	.767	.776	.773	.783	.772	.774	29
30	29.775	29.779	29.788	29.797	29.804	29.815	29.826	29.836	29.849	29.867	29.866	29.874	29.870	29.873	29.872	29.871	29.870	29.879	29.887	29.928	29.938	29.957	29.966	29.988	30
31																									31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	57.2	57.3	55.9	56.7	56.5	56.3	57.6	58.3	60.0	60.7	59.9	61.7	63.6	64.0	63.9	63.5	62.9	63.7	61.0	60.4	60.0	59.9	60.4	60.4
2	60.4	60.6	60.9	60.9	61.1	61.1	60.0	59.7	60.5	62.2	63.8	64.9	65.0	64.0	62.7	62.0	62.6	61.6	61.3	61.6	61.3	61.0	61.0	60.9
3	60.8	60.8	60.8	60.8	60.9	60.8	60.9	60.9	60.9	61.5	62.0	62.5	62.0	62.1	61.6	61.9	61.0	60.3	60.0	60.0	60.4	60.3	60.2	59.9
4	59.8	59.9	59.9	59.8	59.7	59.2	59.1	59.7	60.9	62.0	64.3	64.7	66.8	66.6	68.3	68.1	68.8	66.3	63.8	60.3	58.9	57.6	55.7	54.3
5	54.6	54.9	52.7	52.9	54.6	55.8	56.6	58.6	60.9	62.7	64.1	63.7	63.9	65.0	64.4	65.5	65.7	64.0	62.9	60.7	59.0	61.2	61.0	60.6
6	61.5	61.6	61.7	61.6	61.6	61.9	61.7	61.4	61.6	62.3	62.9	62.9	63.9	65.6	65.7	64.9	63.1	62.9	62.6	62.7	63.1	62.7	62.5	62.1
7	61.1	61.0	60.9	60.6	61.0	60.7	60.7	62.0	63.1	64.1	63.7	65.6	66.6	63.6	65.8	65.7	65.3	63.8	62.8	61.6	61.0	60.7	60.1	59.9
8	60.0	59.8	58.6	57.7	57.3	56.3	57.7	58.3	60.7	62.6	63.2	63.9	64.1	64.3	64.5	64.7	63.2	62.2	61.9	61.4	61.3	60.5	60.7	60.9
9	61.0	61.3	61.2	61.3	60.4	60.9	60.9	61.5	61.6	62.7	62.7	63.4	63.3	64.0	63.9	63.6	63.7	61.4	58.1	56.9	56.0	54.9	54.2	52.8
10	52.0	50.8	50.6	49.9	49.6	49.7	50.3	53.2	56.0	59.3	61.6	63.3	65.0	64.9	64.8	65.0	65.3	62.4	61.6	61.4	60.6	60.0	60.1	60.6
11	60.7	60.7	60.2	60.6	59.4	59.8	60.6	60.9	61.6	62.7	64.8	65.5	67.2	66.9	67.2	66.8	65.3	64.2	62.9	62.2	61.9	60.8	61.0	60.9
12	60.6	59.9	60.4	60.6	61.0	57.1	56.8	57.4	59.7	60.6	61.7	61.4	62.5	62.1	62.1	60.9	60.9	59.3	56.8	55.6	54.6	52.6	50.9	51.2
13	49.9	49.2	50.3	50.9	50.0	51.6	52.2	54.0	57.5	58.4	60.0	59.4	61.1	62.2	60.9	62.4	60.9	60.1	59.9	59.9	59.9	59.6	60.0	59.9
14	59.8	60.0	59.8	59.6	59.3	59.8	60.4	60.3	60.4	60.0	60.4	61.4	63.6	64.0	64.9	63.2	62.7	61.9	61.1	60.3	61.0	60.8	61.0	60.8
15	60.5	60.9	61.6	61.6	61.5	61.4	61.2	61.4	61.5	61.3	61.3	59.7	61.6	59.6	57.3	56.2	55.3	54.8	53.0	55.1	54.0	54.9	55.8	56.0
16	56.7	51.8	53.9	54.8	55.4	54.9	55.3	55.3	56.5	56.7	58.5	59.5	59.0	59.8	58.6	58.6	58.7	57.7	57.7	56.7	58.2	58.6	59.1	59.3
17	58.6	59.3	59.9	59.9	59.9	59.9	59.2	59.7	59.9	61.1	60.6	62.3	62.4	62.6	62.1	62.3	62.1	61.4	60.0	60.0	59.9	59.7	57.9	55.7
18	56.7	56.0	54.6	53.8	54.1	52.5	53.0	53.6	54.7	49.5	54.7	55.5	54.3	55.1	54.4	51.5	49.8	52.7	50.7	51.6	52.2	52.9	53.6	52.6
19	51.8	52.0	53.3	53.1	53.2	53.7	54.1	54.7	55.4	55.9	56.5	55.3	56.2	54.7	55.0	55.2	54.9	54.4	52.8	52.6	51.6	52.3	51.6	52.9
20	52.6	52.3	52.8	52.9	51.6	52.6	52.8	52.8	54.4	55.8	56.2	57.1	57.8	56.7	58.0	57.6	57.4	56.1	52.9	53.1	51.8	51.4	51.7	52.2
21	52.4	51.7	51.4	51.7	52.0	52.7	53.0	53.1	54.1	55.6	56.9	58.3	58.1	58.3	57.6	56.7	57.1	56.8	56.7	57.4	57.7	57.9	55.6	54.5
22	55.1	54.3	51.6	51.5	51.0	50.6	51.9	53.1	54.9	54.9	54.4	55.2	55.9	56.4	56.0	56.0	55.3	53.9	52.2	52.6	52.5	51.3	50.3	49.9
23	47.7	48.6	48.9	50.9	51.6	51.4	52.7	52.3	52.2	53.8	55.5	56.6	47.5	49.9	53.1	53.4	53.1	53.0	53.3	53.6	54.9	55.1	55.1	55.0
24	54.6	53.7	53.7	54.1	54.2	54.5	53.6	54.5	55.9	56.1	56.4	56.2	55.6	54.5	53.0	51.6	51.4	51.8	52.7	53.6	57.0	57.6	57.5	57.8
25	56.9	57.6	57.3	57.4	57.0	57.5	58.1	58.1	57.4	56.8	57.7	56.6	57.2	57.3	57.3	56.4	55.0	53.7	53.7	53.3	53.3	51.9	53.0	52.6
26	52.8	52.6	52.6	52.9	52.6	53.1	53.0	53.2	54.3	54.9	56.7	56.8	57.9	58.0	57.5	58.8	57.0	57.0	57.0	56.3	56.7	57.8	58.1	57.9
27	57.8	58.0	58.0	57.9	58.0	57.9	57.6	58.2	58.0	58.9	59.1	59.3	59.2	60.6	60.1	59.9	59.6	59.1	59.0	58.4	58.4	58.9	58.8	58.4
28	58.9	58.6	58.5	58.3	57.0	58.1	58.2	58.6	59.4	60.9	61.3	61.4	62.0	60.6	60.7	60.7	60.4	59.4	58.7	58.1	57.3	57.1	56.9	57.0
29	56.6	56.5	56.9	57.0	56.8	56.3	56.6	57.0	57.5	58.3	59.7	59.6	60.6	61.3	60.0	55.9	53.0	54.3	54.2	55.0	55.3	52.1	50.6	52.9
30	53.7	53.7	55.0	54.7	54.1	53.8	53.8	54.9	56.6	56.4	58.4	58.6	58.7	57.8	55.8	54.1	54.0	53.9	53.7	55.0	54.5	52.4	53.2	57.2
31																								

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
53.9	54.0	53.0	53.8	53.9	54.2	54.5	56.1	56.3	55.9	56.9	57.3	58.6	58.3	58.0	57.9	56.9	58.9	57.9	57.9	57.8	57.7	58.2	58.1	1
58.4	58.8	58.9	59.0	59.0	59.2	58.9	58.8	59.4	60.2	61.0	61.8	61.6	61.4	61.2	60.6	60.4	60.2	60.1	60.0	60.2	60.2	60.3	60.3	2
60.3	60.4	60.4	60.4	60.6	60.5	60.5	60.5	60.6	60.9	61.4	61.4	61.1	61.0	60.6	60.6	60.1	59.6	59.5	59.6	59.2	59.2	59.0	58.3	3
58.1	58.7	58.8	58.2	58.3	58.0	58.0	58.3	58.8	59.0	60.7	59.9	61.8	62.0	63.0	†62.4	63.9	61.9	60.9	58.5	†57.5	†56.2	*	*	4
...	...	...	*	*	...	...	...	†58.8	†59.9	60.8	60.8	61.3	61.8	61.4	62.0	62.2	61.8	61.1	59.4	58.1	59.9	59.7	59.4	5
59.5	59.9	60.0	60.4	61.0	61.2	61.1	60.7	60.7	60.3	60.6	60.4	60.4	61.0	61.9	61.3	60.6	60.5	60.8	61.2	62.2	61.8	61.3	61.0	6
60.0	59.9	59.5	59.3	59.5	58.8	59.5	59.7	60.8	61.5	61.3	61.8	62.3	61.5	62.0	62.9	62.7	61.5	61.0	60.2	59.6	59.5	59.0	58.7	7
58.7	57.7	57.0	55.9	55.0	54.1	55.0	56.7	58.6	57.9	57.9	58.0	58.7	59.0	59.7	60.3	59.8	59.5	59.1	59.0	59.0	58.1	58.2	57.6	8
57.4	57.9	58.8	59.4	59.9	60.3	60.7	61.2	60.3	60.6	60.7	60.0	59.0	58.9	58.3	57.7	57.9	56.2	54.0	52.9	52.5	52.2	51.9	51.4	9
50.7	49.0	49.5	48.9	48.7	48.7	49.2	51.5	53.8	55.3	57.3	58.5	59.3	58.6	59.2	59.9	60.6	58.8	58.8	58.8	59.5	59.3	59.7	59.8	10
60.0	60.1	59.7	59.6	58.6	58.7	58.7	59.1	58.8	58.8	59.7	60.6	61.1	60.6	61.0	61.2	61.0	61.0	60.6	60.4	60.2	59.1	60.1	60.2	11
60.0	59.2	59.5	59.6	59.7	55.8	55.0	54.7	54.7	55.6	55.1	54.0	55.2	54.9	54.9	54.5	54.8	53.2	51.7	50.9	50.3	50.2	48.8	49.0	12
48.0	47.4	48.9	49.1	48.1	50.0	50.2	51.9	52.2	53.4	55.0	54.3	56.1	56.8	55.9	57.6	57.0	56.8	57.6	57.6	58.0	58.3	58.7	58.9	13
59.1	59.0	59.0	58.6	58.4	58.4	59.0	59.0	59.1	58.9	59.1	60.1	61.5	60.9	61.3	59.9	60.3	59.3	58.9	58.6	58.9	58.6	59.2	59.2	14
59.8	60.0	60.3	59.9	59.3	59.5	59.6	59.8	60.3	59.0	60.2	57.8	56.6	54.7	52.7	51.5	50.7	51.6	49.8	51.8	50.8	52.4	52.8	53.0	15
50.6	49.9	48.6	49.7	49.1	48.6	49.0	49.3	50.1	51.0	51.5	52.4	52.0	53.6	53.4	54.2	53.8	53.5	53.4	53.6	55.2	55.7	56.4	56.9	16
57.8	58.6	59.4	59.6	59.6	59.1	58.3	58.2	58.0	58.9	60.3	61.1	61.5	61.8	61.7	61.6	61.7	60.8	59.4	59.3	59.4	59.3	57.2	54.1	17
54.7	53.0	51.1	47.4	48.3	47.2	49.4	47.6	48.1	48.4	48.9	49.3	49.1	49.7	48.0	48.0	47.1	47.1	47.0	47.0	47.8	47.8	47.5	47.8	18
47.4	48.1	47.0	48.9	48.4	49.5	49.6	51.1	51.1	51.4	53.7	53.4	54.5	53.4	52.8	52.3	51.6	50.6	48.0	47.6	46.5	48.2	47.9	48.6	19
48.9	49.7	49.6	49.8	49.4	49.6	50.0	50.0	50.6	51.3	51.5	50.7	51.1	50.6	51.2	51.2	51.2	50.1	47.9	49.0	48.7	49.2	49.2	49.3	20
49.1	49.1	48.9	49.2	50.0	50.8	51.0	51.3	52.2	53.1	54.2	54.4	54.4	54.2	54.6	54.8	55.1	55.4	55.7	56.4	56.8	57.1	55.0	53.4	21
54.0	52.1	48.2	48.9	49.3	48.9	48.3	49.0	49.9	50.3	51.5	51.5	51.5	51.9	51.4	50.9	50.7	48.8	48.0	48.2	48.6	48.5	48.0	47.2	22
45.6	47.1	47.3	47.8	47.9	47.9	48.4	48.3	49.6	50.4	49.7	50.6	47.2	48.9	49.1	48.9	50.0	50.8	51.7	52.8	52.2	52.5	52.7	52.7	23
50.8	51.0	51.0	51.6	51.0	50.4	51.5	51.2	51.5	52.7	52.2	53.5	53.6	53.2	52.0	51.1	51.0	51.3	51.4	53.2	56.6	56.9	50.9	56.8	24
56.6	56.2	56.1	56.3	56.7	57.4	57.9	57.9	56.8	54.8	54.3	51.3	50.9	51.2	50.7	49.6	49.3	47.8	48.6	46.7	47.6	47.0	46.9	46.5	25
47.3	47.1	47.6	48.2	47.7	47.7	48.1	48.6	49.5	51.7	51.7	51.7	52.5	52.4	52.5	53.6	52.8	53.7	54.6	55.3	56.1	57.4	57.9	57.9	26
57.6	57.8	57.8	57.8	57.9	57.8	57.4	58.0	57.9	58.9	58.6	58.9	58.7	59.3	58.5	58.1	58.1	58.0	58.0	57.8	57.8	58.0	58.3	58.0	27
58.5	58.1	58.0	58.0	56.7	57.4	57.0	58.0	58.8	59.9	60.0	59.7	59.8	59.3	59.4	59.3	59.0	58.6	58.0	57.0	56.6	56.0	55.7	55.8	28
56.0	55.4	55.3	55.3	54.8	54.0	54.1	54.2	54.6	55.2	56.7	56.8	57.6	57.9	55.9	53.2	52.0	52.8	52.1	52.8	53.2	50.7	49.2	51.4	29
51.4	51.6	51.9	52.0	51.3	51.1	51.7	52.7	54.1	54.1	55.3	55.3	55.4	54.8	54.3	53.1	53.2	52.2	52.7	53.6	53.0	51.7	51.5	51.0	30
																								31

* Record defective or Instrument out of action. † Reading of Standard. * Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55'N. LONG: 10°18'W. HOURLY VALUES September 1878.

WIND — DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	30	6·5	30	6·5	30	5·5	30	4·5	30	4·5	30	2	30	4	1	4	23	4	24	8·5	30	6·5	22	6·5
2	15	14	15	20	15	24	16	22	15	24	16	25	16	25	15	30	15	33	16	32	16	32	15	34
3	18	34	18	30	18	34	18	30	18	30	18	30	18	31	18	34	18	28	18	24	18	28	18	29
4	19	6·5	14	7·5	14	6·5	14	11	13	13	13	6·5	13	7·5	11	14	11	10·5	11	16	12	14	11	16
5	8	3	8	2	8	3	8	1·5	8	4	8	1·5	8	4	7	6·5	11	10·5	11	11	13	12	15	11
6	17	17	16	14	16	21	16	27	18	27	18	20	20	14	22	11	24	9·5	25	5·5	28	5·5	29	7·5
7	12	13	12	9·5	9	12	10	10·5	10	9·5	4	4	4	5·5	5	6·5	4	5·5	6	8·5	7	6·5	4	5·5
8	29	10·5	29	7·5	29	4·5	29	8·5	29	5·5	29	2	29	4	29	3	29	2	21	8·5	21	12	21	13
9	20	23	20	27	20	27	21	25	22	24	22	21	22	20	24	16	30	11	30	13	30	16	31	14
10	30	1·5	30	1·5	30	2	30	1·5	30	1·5	30	1·5	30	3	30	2	30	3	30	7·5	14	14	14	10·5
11	14	13	15	13	17	12	17	14	19	14	18	12	16	11	18	11	20	12	20	6·5	20	11	17	13
12	22	8·5	22	8·5	22	10·5	23	9·5	24	13	32	18	32	18	1	17	2	16	1	13	1	16	2	14
13	30	2	30	1·5	30	2	30	2	30	4·5	30	1·5	30	1·5	30	2	21	11	20	12	19	16	20	17
14	20	19	21	15	21	10·5	21	14	21	10·5	21	12	21	16	21	15	21	17	21	12	19	12	20	18
15	18	40	18	40	19	44	18	43	18	48	18	49	18	50	17	52	18	59	21	51	21	42	23	35
16	24	35	24	30	26	34	26	32	26	32	26	27	26	28	26	27	26	26	27	24	25	25	25	25
17	21	32	21	35	21	35	21	29	22	28	22	24	22	28	22	26	22	22	22	22	21	28	20	30
18	27	18	26	21	26	20	26	27	26	21	26	25	24	20	26	24	25	26	25	25	25	29	24	31
19	26	19	25	20	25	25	25	20	24	23	25	17	25	17	24	13	23	17	23	19	22	27	24	17
20	29	16	30	18	30	22	30	16	30	17	30	13	31	16	32	16	32	17	32	14	28	14	31	16
21	10	4	19	4·5	16	8·5	14	12	14	8·5	13	15	13	19	15	19	14	21	15	24	15	30	14	27
22	23	8·5	27	24	27	23	29	5·5	29	2	29	3	27	13	28	10·5	25	13	25	13	26	12	27	10·5
23	27	10·5	29	11	31	17	31	16	31	11	28	15	28	14	28	17	28	17	27	21	27	24	27	26
24	31	28	30	24	30	22	30	22	30	21	30	13	28	18	29	16	29	15	31	13	30	8·5	28	11
25	22	23	22	21	22	22	22	25	22	26	23	25	23	22	24	18	31	20	31	18	31	24	32	21
26	28	8·5	28	6·5	28	6·5	26	6·5	25	9·5	25	8·5	24	7·5	24	8·5	24	11	20	12	22	18	21	16
27	22	16	22	16	22	18	22	16	22	13	22	13	22	12	22	15	22	15	22	14	22	14	21	19
28	20	11	20	7·5	21	6·5	21	2	21	4	16	3	19	7·5	17	7·5	16	10·5	18	17	19	16	18	16
29	12	22	13	22	14	18	14	14	14	15	14	15	14	16	14	14	14	15	14	11	13	18	12	20
30	24	17	25	16	25	17	25	14	26	12	26	10·5	26	9·5	25	10·5	24	11	24	10·5	23	14	23	16
31																								

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	21	10·5	21	14	21	13	21	11	20	12	19	10·5	19	6·5	18	8·5	17	10·5	17	10·5	16	13	14	13
2	17	35	16	36	16	33	16	36	17	36	17	36	17	38	17	40	17	34	17	40	18	39	18	37
3	18	28	18	24	17	25	17	24	17	21	17	17	18	13	17	9·5	14	10·5	14	10·5	14	11	17	5·5
4	11	11	11	10·5	14	8·5	18	4	20	4	10	2	10	4	11	3	11	2	11	4	8	4	8	3
5	14	13	15	14	15	12	15	14	18	13	16	13	18	11	19	5·5	18	8·5	18	16	19	14	16	14
6	30	4	31	6·5	32	2	2	3	25	5·5	12	8·5	11	6·5	11	8·5	13	13	15	19	15	16	14	15
7	4	5·5	32	8·5	1	5·5	30	11	30	10·5	31	6·5	29	15	29	8·5	29	11	29	7·5	29	8·5	29	5·5
8	21	19	21	18	21	17	21	16	21	19	21	14	21	16	20	16	21	18	21	18	21	18	21	23
9	30	14	31	12	31	12	31	12	32	7·5	30	9·5	30	8·5	30	6·5	30	4·5	30	3	30	2	30	1·5
10	16	6·5	19	10·5	19	14	18	16	17	13	17	11	17	10·5	15	10·5	15	11	14	10·5	14	11	14	13
11	18	13	18	13	18	14	18	10·5	19	14	18	12	18	9·5	20	8·5	21	9·5	21	9·5	21	11	21	8·5
12	1	10·5	1	12	31	14	31	11	30	9·5	30	8·5	30	6·5	30	6·5	30	4·5	30	1·5	30	1·5	30	4
13	20	17	19	18	20	17	20	17	20	18	20	16	20	16	20	18	20	16	19	16	19	20	19	20
14	20	21	18	25	18	27	19	26	19	26	19	24	19	22	17	24	17	26	18	27	18	31	18	40
15	22	37	24	34	23	39	23	40	24	39	23	33	24	37	24	38	24	35	25	37	25	36	24	35
16	25	26	24	25	23	25	24	21	23	22	23	20	22	22	22	20	21	25	21	25	20	30	21	32
17	19	34	19	34	20	30	20	31	20	31	21	28	22	18	22	17	22	17	22	18	26	20	26	19
18	25	30	25	30	25	30	26	29	26	27	26	25	27	23	27	23	25	25	26	24	26	24	25	22
19	24	16	24	14	25	15	28	12	29	13	29	16	28	18	28	15	27	18	28	20	27	17	28	19
20	31	16	31	12	29	12	29	14	30	10·5	29	6·5	29	4·5	29	2	29	1·5	29	4	8	8·5	9	7·5
21	14	35	16	38	16	38	14	43	16	45	17	44	16	45	17	45	17	47	19	32	23	9·5	23	4·5
22	27	10·5	27	10·5	26	10·5	26	14	26	12	27	12	27	11	27	9·5	27	10·5	26	16	27	6·5	27	10·5
23	29	20	28	24	27	22	27	28	27	25	26	30	26	31	27	29	29	27	29	23	30	25	30	21
24	28	11	26	10·5	25	20	23	14	23	12	17	10·5	20	10·5	16	7·5	21	13	23	20	23	20	23	20
25	31	20	31	18	30	18	30	14	30	14	30	10·5	29	10·5	29	7·5	29	10·5	29	6·5	29	6·5	28	10·5
26	21	18	21	19	21	13	20	18	22	16	22	11	18	16	19	15	18	19	21	26	21	25	21	21
27	22	19	22	16	22	16	21	14	19	14	19	13	19	17	18	10·5	16	10·5	16	13	16	13	18	12
28	15	13	16	13	16	11	17	10·5	15	10·5	15	9·5	15	7·5	14	18	13	18	13	19	13	15	12	18
29	13	28	14	27	14	22	21	23	23	8·5	6	8·5	15	9·5	17	15	18	16	22	10·5	22	7·5	23	13
30	23	14	23	13	23	13	24	7·5	24	4·5	24	6·5	24	5·5	26	7·5	26	5·5	26	3	26	5·5	26	7·5
31																								

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET}

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	·	·	·	·	·	·	·	·	·007	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·085	·042	·003	·	·	·	·	·	·008	·007	·	·002	·002	·002	·002	·003	·025	·007
3	·005	·032	·005	·003	·005	·018	·045	·020	·002	·003	·	·	·	·	·	·	·	·	·	·	·	·	·	·008
4	·	·007	·	·002	·003	·002	·002	·002	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·008	·002	·020	·020	·	·	·	·	·	·	·	·	·	·	·	·	·	·125	·005	·
7	·	·	·	·002	·	·	·005	·	·	·	·011	·	·	·020	·010	·	·	·	·	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
9	·	·	·	·	·005	·003	·002	·020	·068	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·020	·008	·
11	·017	·008	·005	·	·012	·001	·001	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
12	·002	·002	·002	·002	·002	·020	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
13	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
14	·010	·002	·	·	·	·	·	·008	·020	·050	·041	·020	·	·	·002	·	·	·	·	·	·	·	·002	·001
15	·012	·002	·006	·002	·001	·002	·017	·020	·013	·045	·032	·023	·	·	·017	·003	·	·	·	·	·002	·	·	·
16	·003	·027	·005	·	·	·	·	·	·	·	·	·	·	·	·	·003	·003	·004	·	·	·	·	·	·
17	·	·	·	·	·018	·	·005	·002	·	·	·	·	·	·	·	·	·004	·010	·004	·011	·052	·055	·105	·050
18	·015	·005	·003	·001	·001	·005	·	·025	·002	·003	·040	·003	·017	·002	·003	·005	·010	·008	·001	·001	·	·	·	·
19	·	·005	·002	·002	·002	·002	·002	·002	·003	·	·010	·025	·010	·037	·050	·002	·	·004	·012	·	·	·	·	·
20	·	·025	·	·	·017	·001	·001	·001	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
21	·	·	·	·	·	·012	·008	·005	·013	·010	·005	·	·	·	·015	·035	·	·	·025	·120	·080	·085	·133	·
22	·	·007	·020	·005	·008	·	·	·	·	·	·012	·	·	·	·008	·	·	·	·	·	·	·020	·024	·006
23	·062	·050	·005	·002	·002	·002	·	·	·005	·029	·	·	·095	·050	·010	·055	·	·015	·013	·024	·007	·007	·	·005
24	·002	·002	·002	·002	·002	·002	·001	·	·	·	·	·	·010	·015	·030	·037	·058	·020	·	·	·060	·	·	·
25	·012	·003	·	·002	·038	·012	·006	·025	·018	·003	·	·	·	·	·	·	·	·	·	·	·	·	·	·
26	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·008	·012	·005	·010
27	·010	·	·	·007	·	·	·025	·018	·007	·008	·	·	·	·	·	·	·	·	·	·	·	·	·	·
28	·	·	·	·	·	·	·	·	·	·	·	·	·	·040	·	·	·	·	·	·	·	·	·	·
29	·	·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·046	·007	·002	·	·	·045	·008	·
30	·	·	·	·002	·005	·	·	·	·	·	·	·	·	·	·035	·080	·108	·	·	·	·	·	·001	·001
31																								
087	150	187	055	034	129	084	225	211	163	151	151	071	132	164	188	227	229	079	059	158	211	342	316	088

*Record defective or Instrument out of action. †Obtained from reading of Standard. ‡ Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	372	374	366	376	381	393	384	420	403	384	421	411	424	411	404	406	385	432	436	444	447	445	453	450
2	460	470	469	472	469	475	482	483	491	491	495	505	497	505	517	507	494	500	501	493	505	510	513	515
3	516	520	520	520	525	523	522	522	525	526	534	527	524	519	513	509	506	500	502	505	486	487	482	464
4	459	477	480	462	467	464	466	467	466	456	479	448	480	488	496	491	517	489	492	465	‡454	438	*	*
5	...	...	...	*	*	...	...	...	‡466	478	485	490	503	504	499	503	507	518	511	488	470	497	493	489
6	480	490	497	507	527	529	529	520	517	493	494	488	474	470	497	489	492	491	505	517	545	538	524	519
7	501	500	489	486	487	469	492	478	499	507	506	496	498	515	499	531	529	512	509	500	490	491	483	476
8	476	447	442	422	401	390	397	437	462	416	409	404	422	427	445	460	465	469	460	464	466	447	449	428
9	427	437	461	478	509	515	529	536	503	497	500	469	439	428	412	399	403	384	366	350	353	355	355	361
10	353	375	341	333	332	331	336	358	386	384	412	425	427	408	430	444	462	445	456	458	493	495	506	502
11	508	511	505	496	481	478	467	475	456	441	441	456	454	442	451	461	474	489	494	497	496	476	506	512
12	509	494	496	496	493	427	408	392	365	378	353	330	347	341	344	347	354	334	323	318	312	332	319	320
13	310	305	329	327	312	340	337	357	328	347	369	358	385	392	382	411	411	416	442	442	454	469	475	484
14	491	485	488	478	476	469	479	480	482	482	482	500	515	489	489	468	489	467	466	468	467	461	477	481
15	504	505	503	490	473	481	487	490	505	466	505	451	392	366	341	326	316	341	317	343	329	361	362	365
16	300	336	281	297	280	273	278	285	291	308	303	313	308	337	345	364	353	358	355	371	396	405	418	429
17	467	482	500	507	507	490	474	464	454	466	519	519	532	539	544	537	543	523	498	495	500	500	458	398
18	401	365	331	258	272	267	308	263	264	326	280	284	288	294	264	293	290	262	279	270	281	274	262	277
19	276	289	234	296	284	303	300	330	324	327	363	383	402	390	370	355	340	321	279	273	260	289	290	291
20	301	324	315	318	335	318	325	325	371	326	327	297	300	300	300	304	305	296	276	298	306	323	319	316
21	308	317	316	319	335	346	347	354	365	372	384	373	376	368	387	403	407	420	430	441	449	455	425	393
22	402	366	397	315	331	325	295	298	301	310	343	335	330	333	326	315	316	285	285	285	296	307	306	292
23	280	305	306	295	290	292	294	291	324	322	295	301	321	333	300	293	321	342	362	388	355	361	366	367
24	326	337	337	349	332	316	353	335	330	357	340	375	385	388	374	369	369	372	369	400	453	454	455	448
25	455	434	433	439	456	470	477	477	453	402	378	316	300	306	296	282	287	266	283	249	266	267	255	251
26	265	263	273	282	275	270	279	288	297	343	324	323	331	328	335	347	346	369	394	424	442	466	478	480
27	473	476	476	477	479	477	469	479	479	498	485	492	487	486	468	457	462	466	467	470	470	469	480	476
28	486	476	475	477	456	462	448	473	487	502	498	487	481	486	488	485	479	482	472	449	449	433	427	428
29	440	474	415	414	402	387	386	363	389	395	419	422	433	432	392	371	374	378	361	370	378	352	332	359
30	348	354	347	352	341	340	355	368	386	388	396	393	395	390	402	390	394	367	384	392	382	374	358	358
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°.21′ N LONG 6°.39′ W

HOURLY VALUES September 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·773	29·788	29·802	29·809	29·814	29·834	29·856	29·867	29·879	29·886	29·887	29·894	29·915	29·922	29·930	29·937	29·945	29·954	29·958	29·974	29·985	29·990	29·992	29·982	1
2	·983	·976	·977	·960	·961	·954	·943	·938	·931	·929	·911	·904	·898	·877	·862	·862	·843	·832	·830	·842	·832	·827	·828	·823	2
3	·821	·811	·812	·805	·818	·829	·829	·842	·853	·851	·864	·862	·863	·858	·858	·855	·866	·869	·881	·893	·902	·896	·899	·898	3
4	·898	·895	·893	·887	·890	·896	·908	·915	·926	·918	·907	·895	·884	·879	·868	·859	·861	·867	·872	·870	·874	·866	·870	·861	4
5	·831	·820	·815	·806	·810	·815	·822	·826	·821	·815	·809	·794	·790	·772	·769	·759	·757	·764	·763	·770	·778	·773	·774	·753	5
6	·756	·763	·757	·760	·768	·780	·781	·783	·792	·795	·805	·798	·798	·794	·787	·785	·800	·834	·847	·879	·876	·892	·888	·901	6
7	·898	·896	·897	·905	·907	·905	·915	·918	·918	·922	·915	·906	·911	·906	·902	·892	·891	·888	·900	·911	·907	·903	·892	·886	7
8	·885	·872	·868	·864	·859	·857	·858	·857	·851	·850	·849	·834	·826	·814	·810	·794	·789	·784	·786	·781	·760	·755	·753	·734	8
9	·718	·700	·692	·671	·663	·665	29·674	29·719	29·753	29·780	29·800	29·820	·837	·848	·867	·886	·895	·916	·933	·954	·968	·967	·974	·982	9
10	·987	·990	·994	·993	·994	·994	30·007	30·005	30·017	30·005	30·008	30·006	·993	·977	·972	·957	·945	·948	·950	·953	·954	·962	·962	·964	10
11	·964	·954	·946	·941	·940	·949	29·950	29·944	29·942	29·943	29·939	29·948	29·937	29·939	29·923	29·912	29·911	29·921	29·919	29·921	29·912	29·898	29·888	29·874	11
12	29·854	29·833	·810	·853	·875	…	*	*	…	30·000	30·007	30·010	30·017	30·025	30·026	30·022	30·030	30·022	30·031	30·038	30·037	30·038	30·041	30·026	12
13	30·008	30·001	·970	·955	·948	·946	·938	·925	·919	29·911	29·898	29·880	29·859	29·830	29·816	29·795	29·760	29·741	29·726	29·727	29·710	29·685	29·674	29·672	13
14	29·659	29·647	·643	·637	·656	·670	·687	·683	·698	29·705	29·712	29·709	29·704	29·693	29·680	29·664	29·647	29·625	29·608	·589	·559	·528	·510	·471	14
15	·436	·391	·335	·291	·240	·191	·148	·082	·017	28·952	28·923	28·937	28·960	28·941	28·933	28·964	28·984	28·979	28·997	·026	·022	·034	·052	·081	15
16	·114	·157	·185	·239	·268	·317	·365	·399	·448	29·498	29·538	29·560	29·593	29·616	29·626	29·645	29·671	…	*	*	…	·667	·632	·613	16
17	·585	·662	·560	·534	·537	·533	·538	·546	·545	·545	·533	·527	·521	·492	·474	·451	·427	29·414	29·394	·376	·353	·327	·337	·335	17
18	·338	·346	·344	·351	·347	·360	·365	·376	·388	·377	·372	·375	·372	·374	·380	·392	·414	·422	·422	·441	·451	·449	·457	·463	18
19	·476	·483	·492	·499	·501	·503	·517	·520	·521	·518	·510	·508	·492	·494	·493	·484	·483	·487	·476	·494	·513	·519	·540	·563	19
20	·580	·609	·632	·662	·691	·732	·767	·788	·816	·839	·854	·862	·885	·891	·908	·917	·926	·933	·947	·956	·960	·959	·969	·962	20
21	·964	·947	·947	·934	·923	·929	·928	·926	·922	·916	·892	·880	·852	·841	·818	·780	·753	·731	·706	·680	·638	·616	·569	·525	21
22	·501	·474	·452	·430	·418	·424	·413	·415	·400	·389	·384	·371	·369	·353	·352	·345	·343	·337	·334	·337	·329	·323	·320	·311	22
23	·308	·300	·294	·293	·285	·283	·287	·279	·268	·259	·250	·237	·216	·204	·204	·198	·201	·229	·250	·281	·306	·306	·337	·361	23
24	·374	·397	·401	·428	·440	·468	·487	·491	·506	·514	·511	·516	·514	·509	·511	·499	·490	·493	·481	·475	·448	·414	·385	·350	24
25	·314	·279	·240	·217	·206	·222	·250	·269	·288	·322	·346	·373	·394	·411	·440	·465	·492	·510	·537	·555	·579	·591	·605	·610	25
26	·618	·621	·624	·625	·634	·643	·655	·667	·672	·679	·682	·684	·693	·694	·707	·703	·715	·716	·730	·739	·743	·739	·740	·738	26
27	·745	·735	·722	·720	·716	·724	·737	·748	·769	·776	·789	·801	·804	·806	·809	·805	·816	·825	·830	·832	·835	·826	·821	·814	27
28	·802	·786	·773	·770	·768	·769	·786	·799	·809	·807	·806	·806	·810	·810	·810	·799	·802	·804	·805	·809	·815	·814	·810	·810	28
29	·803	·795	·779	·775	·766	·771	·777	·782	·766	·768	·762	·748	·731	·710	·694	·671	·660	·648	·637	·625	·606	·575	·541	·522	29
30	29·501	29·468	29·419	29·425	29·430	29·444	29·467	29·472	29·493	29·515	29·541	29·545	29·568	29·570	29·588	29·594	29·607	29·628	29·635	29·656	29·676	29·685	29·698	29·707	30
31																									31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	53·5	53·8	53·5	52·9	52·9	52·9	52·9	54·0	56·0	57·0	58·4	60·9	58·3	59·4	59·2	59·3	59·0	57·8	56·9	56·1	56·2	55·3	55·1	55·0	1
2	54·7	54·1	51·8	51·9	51·1	51·7	53·8	55·0	58·4	60·4	62·9	64·4	64·0	63·3	64·0	63·4	64·9	63·9	63·5	63·0	62·7	62·0	61·7	61·2	2
3	61·1	60·0	60·2	60·0	60·3	59·9	60·3	61·3	61·9	63·9	64·2	65·7	67·2	67·0	66·5	66·9	65·2	64·3	63·5	62·2	·*	61·8	61·6	60·5	3
4	60·5	60·9	60·7	60·4	60·8	60·3	60·4	60·9	61·8	62·0	64·8	65·9	66·9	66·9	67·1	67·1	65·3	64·3	61·7	58·1	57·8	56·1	54·9	54·0	4
5	52·8	51·4	50·7	52·1	53·8	54·2	54·9	55·0	56·0	57·2	59·9	62·7	64·9	68·7	68·8	67·9	67·0	65·3	62·9	61·6	61·0	61·9	60·7	59·7	5
6	59·2	58·0	57·7	57·0	56·5	57·0	57·5	59·9	60·0	60·1	60·2	60·3	61·9	62·0	65·7	65·9	63·7	61·6	59·9	59·0	57·9	57·2	56·7	55·3	6
7	54·1	52·9	52·3	52·0	52·7	52·9	54·5	56·4	57·8	59·2	61·7	61·3	63·7	64·0	64·2	63·4	62·1	61·5	60·8	60·0	60·0	59·1	58·1	57·7	7
8	57·1	57·5	57·8	57·3	57·2	57·6	58·2	59·4	60·0	60·0	61·6	64·8	65·1	65·5	64·0	64·1	62·9	62·2	60·6	59·4	59·1	59·0	58·9	59·0	8
9	58·9	58·7	58·1	57·8	57·6	57·7	58·0	58·3	57·9	59·6	60·7	60·9	61·6	61·0	62·0	61·9	61·0	57·9	55·9	56·7	55·0	54·7	52·1	51·1	9
10	52·4	52·7	52·9	53·1	52·8	52·7	…	*	…	60·2	60·0	60·9	63·0	62·9	63·3	64·0	64·0	63·1	61·0	59·3	58·9	57·3	57·0	56·9	10
11	…	…	…	…	*	…	…	…	…	63·2	63·5	63·8	63·8	63·2	64·1	63·9	63·2	62·4	61·4	60·4	59·1	57·7	57·7	57·8	11
12	58·1	58·4	58·1	55·3	53·9	52·5	52·0	52·8	55·0	57·1	57·0	59·0	59·7	59·8	60·0	59·8	57·6	56·7	53·6	51·5	50·9	50·4	50·3	49·7	12
13	49·1	48·9	50·1	49·7	48·2	48·3	48·9	51·7	55·0	56·0	59·1	59·3	62·0	62·3	62·9	61·1	59·2	58·9	58·2	58·1	57·9	57·4	57·5	56·0	13
14	58·6	59·0	59·0	58·7	57·6	55·1	54·9	56·2	58·0	59·1	60·9	63·2	63·0	62·5	61·4	61·1	60·0	58·7	57·6	58·8	59·0	59·1	59·0	58·0	14
15	58·1	57·9	57·7	57·6	58·0	58·1	59·0	60·1	60·3	61·2	59·8	60·1	54·3	55·4	55·0	53·8	49·9	50·0	49·1	49·3	49·4	50·0	50·5	51·1	15
16	51·0	50·0	48·7	47·9	46·9	47·0	48·5	49·4	51·2	52·0	53·8	54·6	54·8	56·9	56·1	54·6	54·7	53·9	…	*	…	52·8	53·0	54·0	16
17	55·1	55·6	55·9	57·0	58·0	58·6	59·0	59·1	59·9	60·3	61·3	60·1	59·4	59·1	60·9	60·3	62·4	61·0	61·0	60·7	60·0	59·1	55·8	54·7	17
18	54·1	52·4	51·9	50·9	49·7	48·5	48·6	49·1	51·0	53·2	50·9	51·2	51·7	49·2	48·2	49·0	48·1	47·7	45·9	45·7	45·3	45·0	45·7	45·5	18
19	45·9	45·4	45·1	44·9	44·7	44·2	44·6	45·6	46·8	49·8	49·8	51·8	54·5	55·0	51·9	52·3	51·8	49·3	48·0	46·9	47·4	46·7	46·9	46·9	19
20	46·3	47·1	48·0	47·1	47·4	46·3	47·9	48·9	51·1	52·6	53·3	54·3	53·5	53·9	53·9	53·0	52·2	51·4	48·1	45·9	45·2	43·9	44·0	43·7	20
21	48·0	46·3	46·5	46·8	47·0	47·1	47·4	48·3	51·7	52·7	53·4	53·8	54·1	54·9	55·0	54·4	53·9	53·0	53·0	52·7	52·9	52·9	53·0	53·8	21
22	53·5	53·5	53·8	53·6	53·6	53·0	52·3	51·6	51·2	50·7	50·8	50·5	50·6	50·9	50·7	50·9	49·9	49·9	47·4	46·6	46·3	44·3	43·4	42·4	22
23	41·9	41·4	41·6	40·8	40·6	40·1	40·6	41·8	46·8	49·5	51·0	50·9	52·7	53·4	52·0	52·7	52·1	51·0	49·0	47·9	48·4	47·5	47·1	47·2	23
24	47·2	46·0	45·0	44·1	42·8	43·0	44·4	46·3	48·8	51·0	54·7	55·8	57·0	57·6	58·1	57·0	56·2	54·8	53·9	52·4	51·1	51·0	51·2	51·3	24
25	51·3	51·7	52·8	54·0	55·1	54·4	53·0	52·1	52·9	52·5	53·9	54·1	53·9	54·3	54·0	52·9	51·9	49·6	47·8	46·8	46·2	45·7	45·0	46·0	25
26	44·8	44·4	44·7	44·0	44·2	44·0	44·0	45·9	48·2	49·9	52·1	53·7	53·2	53·4	52·8	52·6	51·4	51·2	50·9	50·4	49·9	49·2	50·4	50·3	26
27	50·7	50·9	50·9	50·9	51·0	51·1	51·6	52·0	53·0	54·6	56·4	57·2	57·9	58·9	59·0	59·1	59·1	57·5	56·0	55·9	55·7	56·7	56·1	56·1	27
28	56·6	56·6	57·0	57·0	57·0	57·0	57·3	57·9	58·6	59·5	59·7	60·5	61·9	61·9	61·1	60·6	60·9	59·8	59·2	58·9	58·2	58·2	58·3	57·0	28
29	57·0	57·7	57·0	56·6	56·0	56·1	56·0	56·4	57·8	59·7	60·1	59·6	60·6	61·9	60·9	61·1	59·1	57·7	56·9	56·6	56·5	55·9	55·0	55·0	29
30	54·5	54·0	53·9	53·1	52·8	52·4	52·4	52·4	52·5	53·0	53·8	54·0	55·2	55·3	54·6	54·7	55·0	53·9	53·0	52·7	52·8	52·9	52·9	52·8	30
31																									31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	51·0	51·8	52·0	52·0	51·6	51·9	52·0	52·9	53·6	54·1	54·3	55·6	54·0	54·2	54·8	54·7	55·0	55·1	54·7	54·6	54·2	53·9	53·7	53·6	1
2	53·0	52·4	50·7	50·1	50·0	50·9	51·9	52·9	54·8	56·4	58·0	59·5	59·1	59·9	60·9	60·4	61·0	60·0	59·9	59·9	59·0	58·9	58·8	59·0	2
3	59·3	59·2	59·1	59·1	59·2	59·2	59·3	59·9	60·0	61·1	60·1	60·4	61·3	62·5	62·0	62·4	61·8	61·2	60·8	60·5	·*	60·2	60·1	59·5	3
4	59·7	59·9	59·7	59·9	59·9	59·4	59·7	59·9	60·0	60·3	61·1	61·4	62·3	61·6	62·2	62·3	61·4	60·5	58·9	57·0	56·3	54·9	53·9	53·0	4
5	52·0	50·4	50·1	51·9	53·4	53·9	54·5	54·9	55·6	56·6	58·4	61·0	62·0	61·7	62·0	61·9	62·4	61·0	58·9	57·9	57·6	58·1	58·0	57·3	5
6	57·3	56·9	56·3	55·9	55·5	55·8	56·5	58·0	58·1	58·8	58·3	59·0	59·9	60·3	62·4	61·7	62·7	60·0	58·1	57·6	57·0	56·1	55·9	54·9	6
7	53·9	52·2	51·7	51·5	52·2	52·2	54·0	55·9	56·2	57·0	58·9	59·0	60·2	60·3	60·2	59·5	59·0	59·1	58·7	58·0	58·0	57·8	57·0	56·8	7
8	56·5	56·9	57·0	57·0	56·9	57·0	58·0	58·6	58·8	58·5	59·0	60·9	61·2	61·0	59·6	59·2	58·2	58·1	57·2	56·1	56·0	56·3	56·9	57·2	8
9	57·2	57·1	57·1	57·0	57·0	57·0	57·7	58·1	57·0	57·4	56·2	54·5	55·4	55·8	55·6	53·9	54·8	52·9	52·8	51·9	51·9	49·9	48·9	48·8	9
10	49·8	50·0	50·3	50·4	50·7	50·3	…	*	…	…	…	53·0	52·9	53·2	55·2	55·3	55·9	56·9	57·1	57·3	56·5	56·0	55·2	54·9	10
11	…	…	…	…	*	…	…	…	…	…	…	58·8	60·0	59·9	60·0	60·0	60·0	60·3	59·1	58·4	58·0	57·6	56·0	54·9	11
12	56·0	56·6	57·1	54·4	52·9	51·2	50·6	51·1	52·7	52·9	51·9	52·9	52·9	51·9	53·0	51·8	51·4	51·1	50·0	48·9	48·7	48·2	48·2	48·0	12
13	47·6	47·2	48·1	47·9	46·8	46·9	47·2	49·6	52·0	51·9	54·0	54·0	55·9	56·4	57·2	56·9	55·9	55·7	55·7	55·9	56·2	56·2	56·6	57·0	13
14	57·2	57·7	57·7	57·9	56·8	54·4	54·0	55·1	56·9	57·0	57·9	59·0	58·4	57·9	56·9	56·0	55·9	55·0	57·0	57·0	58·1	58·0	58·0	57·1	14
15	56·0	55·4	55·0	55·0	55·9	56·4	57·7	57·7	57·8	58·0	58·6	58·2	53·0	52·7	50·9	49·4	47·7	46·1	45·8	45·6	45·9	46·7	47·7	48·2	15
16	49·5	48·1	47·4	46·1	45·6	44·7	44·9	45·6	46·2	47·6	48·0	47·9	49·0	49·9	50·1	49·0	49·3	49·5	…	*	…	50·2	50·6	51·9	16
17	53·1	54·2	55·1	56·2	57·2	57·8	58·0	58·0	58·4	58·9	59·6	59·2	58·9	58·2	58·9	60·0	59·3	59·7	59·3	58·9	58·1	58·1	54·5	54·0	17
18	53·0	51·4	50·9	49·1	48·0	47·0	47·0	47·3	47·4	48·6	48·0	48·0	48·0	47·1	46·9	46·8	46·2	45·9	43·9	43·2	44·6	43·9	44·7	44·7	18
19	45·0	44·3	43·9	43·8	43·6	43·2	43·9	44·5	45·4	47·6	47·8	49·0	49·7	48·5	47·1	47·9	47·1	46·3	45·5	45·2	46·1	45·6	45·0	45·9	19
20	45·6	46·1	46·9	46·4	46·2	45·5	46·5	47·2	48·9	48·9	50·0	50·3	49·6	49·9	49·9	49·1	49·3	48·4	46·7	44·9	44·0	42·9	42·4	42·3	20
21	43·9	44·9	45·2	45·1	45·4	44·3	45·1	46·1	47·9	48·2	48·0	47·6	48·3	48·6	48·9	48·9	48·8	48·3	48·8	48·7	49·0	49·6	50·5	51·4	21
22	52·2	52·9	52·9	52·9	52·9	52·2	51·8	51·2	50·9	50·1	50·3	49·9	50·0	50·3	50·1	49·9	49·1	48·9	46·7	45·9	44·7	43·7	42·2	41·7	22
23	41·0	40·9	40·2	40·0	39·9	39·4	39·8	41·0	46·0	48·3	49·2	49·3	50·5	50·3	49·8	50·1	50·0	49·6	48·2	47·2	48·0	47·0	46·9	46·9	23
24	46·9	45·7	44·7	43·9	42·7	42·8	44·0	46·0	48·0	50·2	52·5	52·5	53·0	53·0	54·1	54·2	53·9	53·0	52·7	51·7	50·3	50·1	50·9	50·9	24
25	50·9	51·2	52·4	53·0	53·0	54·1	52·8	51·4	51·7	49·9	50·0	49·7	48·5	49·1	48·9	47·9	48·2	46·3	45·1	44·6	44·3	44·0	43·9	43·6	25
26	43·6	43·3	43·3	42·9	43·0	42·9	42·7	44·1	46·3	47·9	49·5	50·1	52·1	50·9	50·9	51·1	50·6	50·6	49·6	49·2	48·7	48·1	49·0	49·0	26
27	49·9	50·0	50·6	50·7	50·9	51·0	51·2	51·6	53·0	54·2	56·1	56·9	57·1	57·7	57·5	57·4	57·2	56·4	55·3	55·0	55·0	55·0	55·7	56·0	27
28	55·9	56·6	56·8	57·0	57·0	57·0	57·3	57·9	58·3	59·2	59·0	59·9	60·0	60·0	59·7	59·3	59·8	58·9	58·3	57·9	57·7	57·8	56·9	56·9	28
29	56·8	57·0	56·5	56·2	55·9	56·0	55·9	56·0	57·2	57·9	58·1	57·8	58·1	58·9	57·7	57·9	57·8	56·1	55·6	55·1	54·9	54·2	53·9	54·0	29
30	53·9	53·7	53·9	53·0	52·4	52·2	52·0	52·0	52·0	52·6	52·9	53·2	54·5	54·3	53·0	52·9	53·0	52·9	52·0	51·9	52·0	52·0	52·0	52·1	30
31																									31

* Record defective or Instrument out of action. † Reading of Standard.

Meteorological Office,
116. Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21'N. LONG: 6°39'W.

HOURLY VALUES September 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	26	7·5	26	5·5	25	5·5	26	4·5	26	4·5	24	4	21	4·5	23	5·5	25	6·5	27	6·5	26	8·5	26	6·5	27	6·5	28	5·5	26	4·5	26	4	27	4	27	2	27	1·5	27	3	23	3	23	3	21	3	21	2	1
2	19	3	19	4·5	19	3	16	4·5	16	5·5	16	4·5	16	6·5	16	9·5	16	13	16	12	16	14	17	13	17	*	17	13	18	12	18	13	18	12	17	14	17	11	17	10·5	17	12	17	11	17	13	18	12	2
3	18	7·2	18	12	18	13	18	13	18	13	19	11	18	12	19	10·5	19	12	19	14	20	14	20	15	21	14	18	13	18	12	18	10·5	19	11	20	7·5	19	5·5	19	4·5	19	5·5	18	6·5	19	5·5	19	6·5	3
4	20	5·5	20	4	21	4	21	4	19	4·5	18	4·5	18	4	16	6·5	16	5·5	17	4·5	15	7·5	15	6·5	13	6·5	16	6·5	14	4·5	10	5·5	12	5·5	13	7·5	14	4	14	4	16	4	13	3	13	3	13	3	4
5	13	2	13	3	13	1·5	13	3	13	1·5	13	2	13	2	13	1·5	13	2	13	3	7	3	6	3	3	4·5	18	5·5	17	5·5	21	4·5	18	5·5	15	5·5	17	6·5	17	7·5	19	8·5	17	7·5	18	4·5	18	4·5	5
6	18	4·5	18	4·5	18	4·5	18	5·5	18	4·5	18	5·5	18	7·5	18	7·5	18	7·5	18	7·5	18	9·5	18	7·5	17	9·5	17	9·5	19	10·5	20	10·5	22	5·5	28	6·5	28	4·5	28	4	28	3	28	2	28	2	28	3	6
7	28	2	28	3	28	2	28	2	28	2	28	2	28	3	28	3	4	3	6	4·5	6	4·5	11	4·5	12	6·5	15	5·5	15	4·5	17	4	12	4	12	4	12	4	12	4·5	12	4	12	4	13	3	13	3	7
8	17	1·5	17	2	17	3	17	2	17	2	19	2	21	4·5	21	4	22	4	22	5·5	17	4·5	17	4·5	19	6·5	21	7·5	20	7·5	21	8·5	20	6·5	20	7·5	19	8·5	18	9·5	19	8·5	18	9·5	19	10·5	8
9	18	12	19	13	18	11	18	13	18	15	18	13	19	10·5	28	8·5	28	5·5	27	6·5	27	8·5	27	8·5	27	6·5	29	8·5	28	6·5	28	7·5	27	5·5	28	4·5	28	3	24	4·5	25	2	24	4	23	4	20	4·5	9
10	20	4	20	4	20	5·5	18	4·5	20	4	19	4	19	5·5	19	4·5	19	6·5	18	8·5	19	9·5	19	8·5	19	10·5	20	11	19	10·5	18	11	19	9·5	20	5·5	19	5·5	16	7·5	17	5·5	17	5·5	17	5·5	17	7·5	10
11	17	5·5	17	8·5	17	7·5	17	5·5	19	4·5	19	4·5	17	6·5	17	10·5	15	8·5	18	11	18	12	19	14	19	9·5	19	11	19	12	20	10·5	20	11	20	9·5	20	6·5	19	6·5	19	6·5	20	7·5	20	12	19	11	11
12	21	12	20	12	20	15	27	7·5	29	9·5	29	6·5	28	6·5	29	7·5	28	8·5	29	9·5	30	8·5	30	7·5	29	9·5	29	8·5	30	7·5	27	9·5	28	6·5	27	6·5	27	4·5	22	4·5	22	4	20	5·5	21	6·5	20	6·5	12
13	18	7·5	19	7·5	20	7·5	20	6·5	19	6·5	19	6·5	19	6·5	19	8·5	20	10·5	21	10·5	21	11	21	10·5	21	10·5	21	12	20	14	20	14	19	18	19	16	20	15	19	15	19	11	19	15	19	17	19	16	13
14	19	12	19	15	19	15	20	10·5	27	7·5	21	4	21	4	19	5·5	21	6·5	20	8·5	20	7·5	19	7·5	20	5·5	19	6·5	18	6·5	18	7·5	18	4·5	17	6·5	17	6·5	18	9·5	17	9·5	18	10·5	19	12	17	15	14
15	17	15	17	17	17	17	17	20	17	22	17	23	18	23	17	26	17	29	17	31	17	34	21	27	23	15	20	18	20	18	22	17	21	16	20	20	20	22	20	20	20	24	20	25	20	26	20	20	15
16	21	18	22	15	22	16	25	13	22	12	23	12	24	14	24	13	24	18	26	14	24	15	24	16	25	14	24	16	24	17	24	12	23	12	22	10·5	21	11	21	13	20	14	20	13	20	17	20	22	16
17	20	21	20	26	20	20	20	20	20	17	20	15	20	14	20	13	20	15	20	15	20	19	20	18	20	17	20	17	20	15	21	18	20	18	19	18	20	17	20	17	20	16	20	14	22	13	21	10·5	17
18	23	7·5	23	6·5	23	7·5	23	7·5	22	7·5	23	8·5	22	9·5	20	11	21	14	21	13	22	19	22	15	20	16	20	12	22	13	23	12	24	9·5	24	10·5	20	16	20	15	20	15	20	15	21	13	20	16	18
19	21	13	21	12	21	14	20	10·5	22	10·5	21	10·5	20	11	20	13	20	14	20	16	20	17	20	13	22	13	22	11	22	11	25	10·5	26	8·5	22	9·5	21	12	20	8·5	21	7·5	21	8·5	24	5·5	25	6·5	19
20	26	5·5	26	4·5	27	7·5	28	4	28	5·5	28	4·5	28	6·5	28	4·5	29	6·5	29	7·5	28	5·5	30	6·5	28	4·5	32	5·5	29	4·5	30	4	29	4	29	4·5	29	3	29	4	23	3	23	4	21	5·5	21	5·5	20
21	21	5·5	20	5·5	20	4·5	20	4·5	19	6·5	19	6·5	19	5·5	19	5·5	19	7·5	16	8·5	16	11	16	10·5	17	11	17	11	17	10·5	15	12	15	15	15	15	15	15	14	17	15	22	15	18	15	21	15	24	21
22	15	2·3	16	20	16	21	16	19	17	18	17	8·5	19	7·5	20	6·5	21	4·5	20	6·5	21	6·5	21	6·5	20	7·5	22	4·5	21	4·5	21	4	21	4·5	21	4	21	4·5	21	4	21	4·5	21	4	21	4·5	21	4·5	22
23	21	5·5	21	4·5	21	5·5	21	5·5	20	6·5	20	6·5	20	6·5	20	6·5	21	8·5	22	7·5	20	10·5	20	9·5	21	11	21	8·5	20	8·5	20	5·5	20	4	20	2	20	2	20	3	20	1·5	20	2	20	2	23
24	20	2	20	3	20	2	20	3	20	3	20	4	20	4	20	3	20	4	20	3	28	3	4	4	32	3	2	2	2	3	21	4	24	4·5	22	4·5	20	6·5	20	6·5	18	8·5	16	11	17	11	17	14	24
25	17	14	18	14	18	13	18	12	20	10·5	27	7·5	28	4·5	26	5·5	27	7·5	27	8·5	27	10·5	28	10·5	27	12	27	12	27	11	27	9·5	26	7·5	27	5·5	26	6·5	22	6·5	22	6·5	20	7·5	21	7·5	20	6·5	25
26	20	7·5	20	6·5	19	8·5	19	8·5	20	8·5	19	7·5	19	6·5	19	10·5	19	9·5	20	11	20	12	22	9·6	20	9·5	22	10·5	24	7·5	22	5·5	26	6·5	23	5·5	21	6·5	23	7·5	20	6·5	20	6·5	19	7·5	19	6·5	26
27	20	7·5	19	4·5	19	2	19	2	19	3	19	3	19	2	19	2	19	3	19	3	19	4	21	3	23	4	25	4·5	23	5·5	25	4·5	23	4	23	4	24	3	24	3	24	3	18	4	18	4	18	4	27
28	18	4	17	5·5	18	7·5	20	6·5	20	4·5	20	5·5	21	5·5	21	6·5	20	5·5	20	5·5	22	5·5	20	8·5	20	6·5	20	8·5	21	6·5	21	4·5	22	3	22	4	22	3	20	4·5	20	4·5	19	4	19	5·5	28
29	19	5·5	18	4	18	4	18	4	18	2	18	4	18	2	18	2	18	3	17	5·5	17	6·5	17	5·5	14	6·5	16	7·5	15	5·5	18	5·5	12	10·5	13	8·5	12	6·5	16	7·5	15	6·5	13	7·5	12	11	14	6·5	29
30	18	4	18	3	2	5·5	24	7·5	27	5·5	26	5·5	27	4	27	6·5	24	5·5	24	5·5	23	8·5	25	4·5	23	4·5	24	6·5	25	6·5	24	7·5	26	5·5	27	4·5	24	5·5	22	5·5	21	4	21	4	21	4·5	21	4	30
31																																																	31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.020	.020	.010	.	.010	.040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.040	.030	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	13
14	.	.	.	.	.050	.020	.010	.	.	.	.	.	.	.	.	.	.050	.060	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.030	.060	.020	.	.010	.	.020	.	.	.	.	.	.	.	.	15
16	.	.010	.020	.050	.	.010	.020	.020	.010	.010	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.010	.	.	.	.	.	.	.020	.060	.030	17
18	.	.	.	.	.010	.010	.	.	.	.	.	.	.020	.030	.010	.010	.020	.	.010	.060	.040	.010	.	.	18
19	.010	.010	.	.010	.030	.010	.020	.	.020	.	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.010	.040	.050	.020	.060	.060	.	.	.030	.010	.130	.030	.020	.	.	.	.	.	.010	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.020	.020	.020	.060	.020	.080	24
25	.030	.050	.	.040	.010	.080	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.010	.020	.	.020	.	.020	.	.	.	.	.	.	.	26
27	.	.	.010	.020	.	.	.	.010	.010	.	.	.	.010	.	.	.	.	.	.	.	.	.	.010	.010	27
28	.030	.040	.010	.	.100	.020	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.010	.070	.250	.350	.550	.130	.070	.030	.050	.040	.030	.	.010	.	.	.	.	.	.	.	.	.	.	.	30
31																									31
	129	110	220	380	540	850	340	120	080	160	065	230	100	100	020	060	020	060	040	190	130	080	130	110	126
	3	5	6	6	6	6	5	4	5	6	4	5	3	3	1	2	2	4	2	4	2	2	4	5	3

*Record defective in Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	358	367	375	364	372	375	385	381	380	370	374	361	365	373	369	380	398	398	407	395	396	394	392		1
2	370	366	339	347	362	360	372	383	401	415	441	434	467	489	481	479	462	465	471	447	453	454	467		2
3	492	485	488	487	494	490	495	489	496	461	450	460	499	490	497	501	494	493	501	*	497	496	495		3
4	502	498	509	603	493	502	502	490	484	484	478	494	472	488	492	487	473	457	450	433	415	402	388		4
5	363	355	384	403	412	420	436	437	450	467	510	512	453	460	468	496	474	441	429	427	431	443	436		5
6	448	434	431	427	428	443	466	456	477	460	480	486	497	514	487	555	493	457	455	452	434	436	426		6
7	381	376	375	384	381	411	440	430	433	457	466	471	470	464	454	455	466	465	453	453	460	449	449		7
8	465	453	461	459	457	479	481	479	469	481	478	483	471	449	436	421	427	421	405	406	416	435	442		8
9	444	452	454	457	454	473	481	452	442	392	347	363	378	362	322	353	341	361	353	347	350	332	320		9
10	326	331	331	343	334	. . .	*	. . .	319	319	317	342	345	356	374	379	394	397	403	386	398	414	418		10
11	. . .	. . .	. . .	*	. . .	. . .	. . .	435	468	461	464	471	460	471	444	434	434	418	406	394	391	395			11
12	430	453	411	387	357	361	353	367	348	325	328	322	299	321	297	308	310	315	315	317	310	311	313		12
13	304	311	311	302	304	304	329	349	338	353	351	370	379	393	406	402	400	410	417	428	430	446	451		13
14	458	468	469	451	414	405	419	448	435	437	441	426	418	403	380	369	441	458	473	467	466	439	421		14
15	405	397	398	418	432	442	443	443	437	475	458	384	363	323	299	303	267	271	265	270	280	297	303		15
16	312	311	288	290	268	257	264	257	279	269	261	282	282	296	283	289	300	. . .	*	. . .	330	337	357		16
17	402	423	440	467	467	467	466	467	477	485	490	491	472	469	471	460	493	480	472	456	469	408	408		17
18	366	359	327	319	304	302	304	285	293	300	297	291	298	305	294	289	287	264	251	286	273	284	286		18
19	278	272	272	270	267	278	280	287	300	307	313	299	288	269	282	270	279	274	281	295	293	290	297		19
20	300	307	307	298	295	298	304	320	301	318	315	307	309	309	301	316	304	301	287	273	264	259	254		20
21	281	286	279	284	281	272	284	289	284	273	261	273	273	278	283	285	284	296	295	300	314	335	347		21
22	393	388	391	391	380	379	371	368	355	359	352	353	357	356	347	338	333	310	301	288	277	255	256		22
23	250	239	238	238	233	236	247	301	324	328	332	339	325	330	329	334	338	327	315	330	316	320	318		23
24	304	292	285	267	273	283	307	325	353	366	355	351	369	369	383	385	378	381	374	355	351	368	367		24
25	370	380	418	432	415	397	371	367	327	311	302	279	288	286	276	293	276	267	268	270	268	273	266		25
26	267	264	263	263	263	259	268	290	308	322	316	374	340	348	356	359	358	339	335	328	322	330	331		26
27	349	362	367	371	373	371	383	403	415	446	459	455	460	452	447	441	440	428	420	423	423	438	447		27
28	456	469	465	465	465	470	480	483	500	490	508	509	489	498	486	498	485	474	466	470	473	471	458		28
29	465	450	443	446	447	446	443	460	454	455	453	448	454	434	435	460	428	424	414	409	398	400	403		29
30	409	417	403	389	388	382	382	381	391	388	394	415	408	388	376	375	387	374	375	377	375	375	380		30
31																									31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W

HOURLY VALUES September 1878.

BAROMETER. CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·653	29·667	29·675	29·692	29·708	29·729	29·748	29·762	29·772	29·784	29·782	29·800	29·808
2	·944	·938	·940	·946	·944	·954	·958	·954	·944	·955	·954	·943	·921
3	·795	·767	·773	·766	·763	·767	·770	·779	·781	·788	·791	·799	·816
4	·885	·879	·879	·885	·891	·901	·899	·907	·917	·917	·922	·916	·910
5	·860	·859	·838	·832	·829	·835	·824	·830	·832	·830	·809	·803	·787
6	·751	·743	·745	·743	·759	·763	·769	·769	·773	·773	·782	·785	·792
7	·826	·828	·840	·858	·860	·866	·878	·888	·894	·908	·894	·907	·901
8	·882	·874	·876	·874	·864	·862	·852	·848	·850	·834	·820	·800	·780
9	·670	·642	·632	·616	·598	·578	·576	·586	·614	·638	·679	·704	·720
10	·928	·936	·941	·942	·942	·948	·958	·965	·970	·974	·966	·975	·969
11	·924	·918	·898	·898	·888	·899	·902	·898	·904	·912	·909	·917	·909
12	·747	·725	·691	·665	·683	·711	·758	·799	·837	·865	·875	·884	·898
13	·911	·903	·875	·851	·847	·834	·831	·876	·834	·817	·822	·801	·791
14	·535	·521	·528	·549	·567	·561	·594	·599	·614	29·627	29·639	29·651	29·661
15	29·405	29·365	29·321	29·271	29·224	29·162	·129	·074	·001	28·931	28·852	28·758	28·827
16	28·828	28·852	28·871	28·903	28·952	28·988	·036	·080	·098	29·159	29·208	29·269	29·298
17	29·454	29·424	29·370	29·338	29·344	29·355	·362	·368	·364	·374	·370	·370	·374
18	·172	·186	·188	·180	·186	·196	·198	·214	·224	·226	·223	·230	·215
19	·235	·249	·261	·278	·291	·297	·303	·327	·320	·327	·342	·341	·348
20	·506	·533	·562	·596	·634	·664	·701	·734	·758	·778	·794	·803	·809
21	·859	·853	·855	·851	·853	·865	·863	·873	·877	·869	·875	†·850	·859
22	·619	·581	·541	·515	·500	·483	·473	·461	·443	·429	·407	·383	·357
23	·267	·249	·235	·229	·217	·211	·205	·185	·163	·151	·146	·134	·138
24	·355	·372	·388	·386	·397	·431	·446	·460	·470	·480	·474	·472	·480
25	·308	·264	·213	·177	·146	·140	·144	·158	·170	·183	·216	·232	·255
26	·492	·498	·500	·505	·504	·516	·534	·544	·546	·556	·556	·569	·570
27	·662	·658	·658	·660	·666	·690	·699	·714	·720	·730	·728	·738	·746
28	·806	·797	·794	·790	·785	·784	·788	·798	·794	·798	·781	·779	·771
29	·809	·801	·801	·800	·801	·797	·799	·801	·801	·803	·807	·796	·779
30	29·558	29·530	29·502	29·469	29·456	29·448	29·434	29·448	29·465	29·486	29·498	29·522	29·539
31													

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29·825	29·830	29·844	29·856	29·863	29·886	29·903	29·914	29·927	29·936	29·938	1
·889	·879	·855	·853	·839	·825	·830	·810	·807	·793	·791	2
·822	·821	·824	·829	·841	·851	·863	·871	·869	·883	·879	3
·910	·906	·908	·900	·895	·909	·902	·902	·893	·890	·872	4
·775	·759	·755	·749	·753	·755	·763	·761	·761	·753	·761	5
·784	·778	·782	·782	·782	·790	·796	·802	·808	·816	·808	6
·893	·892	·886	·878	·884	·900	·896	·904	·903	·896	·888	7
·764	·762	·754	·747	·742	·746	·740	·728	·712	·706	·692	8
·750	·762	·786	·814	·836	·860	·880	·900	·902	·912	·915	9
·963	·960	·960	·956	·950	·961	·948	·949	·964	·950	·932	10
·895	·878	·860	·859	·855	·862	·853	·842	·825	·803	·781	11
·907	·895	·904	·916	·932	·931	·927	·931	·933	·923	·911	12
·773	·749	·733	·721	·687	·665	·646	·619	·583	·573	·543	13
29·659	29·655	29·645	29·627	29·621	29·605	29·592	29·565	29·531	29·487	29·443	14
28·798	28·806	28·807	28·802	28·801	28·814	28·812	28·800	28·779	28·782	28·800	15
29·344	29·371	29·406	29·434	29·448	29·476	29·483	29·488	29·482	29·476	29·464	16
·358	·350	·330	·324	·306	·288	·256	·226	·193	·190	·176	17
·211	·225	·223	·223	·245	·235	·231	·225	·223	·216	·223	18
·354	·355	·354	·350	·362	·368	·384	·406	·424	·448	·474	19
·809	·817	·823	·829	·842	·847	·863	·865	·868	·869	·863	20
·851	·841	·827	·805	·789	·773	·753	·735	·714	·691	·651	21
·322	·301	·269	·273	·289	·296	·288	·292	·296	·289	·277	22
·146	·158	·186	·218	·249	·270	·286	·304	·321	·342	·354	23
·474	·466	·464	·456	·454	·438	·427	·410	·386	·368	·340	24
·276	·290	·322	·350	·376	·404	·420	·442	·458	·462	·478	25
·582	·592	·596	·596	·600	·616	·624	·634	·640	·640	·651	26
·750	·752	·758	·772	·790	·795	·799	·812	·809	·808	·807	27
·776	·769	·763	·767	·773	·775	·781	·786	·801	·803	·807	28
·766	·748	·734	·724	·712	·700	·684	·664	·636	·613	·588	29
29·559	29·578	29·604	29·630	29·652	29·668	29·694	29·718	29·738	29·754	29·756	30
											31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	54·7	54·5	53·9	53·7	52·6	50·4	52·5	56·7	59·8	62·2	61·4	63·2
2	55·0	55·0	54·5	53·0	52·2	51·6	52·8	55·0	58·4	58·5	60·3	62·0
3	59·3	59·0	58·8	59·0	59·0	59·0	60·4	61·0	61·3	62·8	63·2	64·2
4	58·4	58·9	58·9	58·7	58·6	58·7	59·0	60·7	61·8	63·5	63·2	63·6
5	59·6	60·0	58·0	56·9	56·7	56·7	57·0	57·4	57·5	58·0	60·3	63·3
6	54·2	54·0	53·6	52·0	51·9	51·3	53·7	55·0	59·0	63·0	64·5	64·6
7	56·2	55·4	53·4	52·0	51·4	50·2	52·0	54·3	57·8	59·8	62·0	63·0
8	56·1	56·1	56·2	55·7	55·0	54·4	54·7	55·2	57·0	58·0	61·9	65·0
9	58·4	57·5	57·7	58·0	57·5	56·6	57·3	58·1	59·9	60·9	61·8	61·3
10	49·8	50·0	50·0	50·5	51·2	51·3	51·8	54·4	56·7	57·0	58·2	59·1
11	56·0	56·0	55·9	56·2	56·3	57·1	57·8	58·8	59·0	59·8	61·0	59·8
12	57·8	57·9	56·8	56·0	52·9	51·8	52·0	54·1	56·4	57·3	58·2	58·8
13	51·9	52·0	51·9	52·9	53·8	54·1	54·8	55·3	57·0	57·4	60·0	59·5
14	57·0	57·3	57·3	56·4	55·0	55·5	55·4	57·1	58·0	59·2	61·9	61·5
15	58·6	58·5	58·2	57·9	58·1	57·1	57·0	57·1	58·2	58·8	60·3	60·3
16	52·0	52·7	52·1	51·9	49·8	50·7	50·8	48·3	52·0	51·6	53·2	51·7
17	51·3	52·0	52·9	53·9	56·9	57·2	57·8	57·9	60·0	60·3	59·9	60·2
18	54·6	52·6	51·8	50·0	48·5	48·4	48·8	50·0	51·5	53·2	53·1	49·2
19	46·3	45·9	46·5	46·8	46·5	46·0	46·9	47·8	49·1	46·9	49·0	48·0
20	42·6	48·4	43·4	44·0	45·1	45·6	46·0	47·7	49·9	51·0	51·8	53·6
21	46·0	44·7	45·7	45·2	44·7	44·8	45·5	47·1	50·1	51·5	52·6	54·2
22	51·1	53·0	53·6	54·8	54·1	53·9	53·9	53·9	54·9	54·2	54·0	53·4
23	44·5	44·1	44·0	44·5	44·3	43·9	45·2	46·3	47·4	47·3	47·7	48·3
24	51·7	52·5	53·0	52·8	52·2	52·2	53·2	54·1	55·9	55·0	55·7	56·9
25	52·3	52·0	51·9	51·3	51·9	52·7	53·4	51·5	52·8	53·5	55·0	54·6
26	43·3	43·0	43·3	43·8	44·4	43·8	44·3	47·5	50·3	49·5	49·0	48·0
27	47·1	46·2	46·5	45·2	45·0	46·0	45·7	46·7	51·0	52·2	53·3	54·0
28	45·0	44·9	44·7	44·9	44·2	43·8	45·2	46·4	48·7	49·2	53·2	57·8
29	49·0	49·0	48·9	48·8	48·9	49·2	49·7	49·8	50·2	50·3	51·3	51·3
30	50·8	50·5	50·4	49·2	49·0	49·1	48·9	48·9	48·8	49·5	50·0	49·5
31												

DAYS	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	64·3	62·9	62·8	63·6	63·0	60·6	57·6	55·2	55·3	55·6	55·0	54·9
2	64·1	64·5	65·0	63·3	61·1	59·3	59·8	59·8	59·5	59·7	60·4	59·6
3	63·0	62·5	63·7	64·6	63·8	62·7	61·4	60·4	59·0	58·6	58·8	58·4
4	64·0	64·0	63·6	63·8	63·5	63·1	63·3	62·7	61·6	61·0	60·8	60·0
5	65·0	66·8	66·8	66·4	66·1	64·9	63·0	61·5	61·0	59·0	56·4	55·0
6	62·3	63·3	63·6	62·2	60·0	59·9	60·0	59·7	59·8	59·1	57·5	56·4
7	64·4	65·8	65·7	65·6	65·7	63·5	61·0	59·0	57·9	58·0	57·6	57·0
8	67·8	67·6	68·0	66·8	65·0	62·8	59·2	59·1	59·1	59·0	56·8	56·8
9	61·8	†61·2	60·4	61·0	59·9	57·8	55·9	52·9	51·0	50·0	48·9	50·0
10	61·1	62·0	60·5	60·3	59·1	57·9	56·3	55·0	54·9	54·8	54·9	55·3
11	61·8	61·9	62·4	63·0	63·0	61·3	60·5	59·9	58·2	59·0	59·1	58·2
12	59·2	59·0	60·2	59·2	58·1	55·9	53·5	52·0	51·9	51·8	52·0	52·2
13	59·9	58·4	58·9	57·5	56·8	56·5	56·1	56·1	56·1	56·5	56·5	56·8
14	62·7	61·8	60·1	61·8	60·7	59·1	56·4	55·3	56·8	56·2	56·9	56·7
15	51·9	51·8	53·7	53·7	51·9	50·2	49·9	50·7	49·5	49·5	50·1	52·0
16	54·1	51·9	53·0	50·7	49·9	51·1	50·5	51·1	51·0	51·4	52·4	51·0
17	61·5	61·0	60·9	59·1	58·8	58·4	57·6	58·0	58·2	58·1	57·0	54·9
18	50·0	52·9	48·6	43·5	48·0	46·6	44·9	46·4	45·1	46·7	45·8	45·8
19	48·9	46·9	45·4	48·1	48·0	47·9	46·9	46·3	45·0	44·5	43·6	43·7
20	54·0	54·4	54·2	53·9	52·7	50·6	49·8	47·3	47·3	45·4	46·1	45·8
21	54·0	54·0	53·0	52·6	52·5	50·3	48·7	49·9	49·4	49·2	50·2	50·5
22	52·7	53·1	53·5	53·2	49·0	47·9	47·1	46·9	46·8	45·9	45·8	45·6
23	49·0	49·6	50·0	49·9	49·7	49·7	49·2	49·2	49·1	49·7	50·1	50·2
24	56·9	57·0	56·8	56·5	56·1	55·7	54·2	53·7	53·0	52·7	52·6	53·2
25	53·6	52·6	54·0	53·0	51·8	48·4	46·7	46·8	44·6	42·9	43·1	44·0
26	52·9	49·9	50·1	49·5	50·2	48·9	48·9	47·6	47·7	47·9	46·8	47·5
27	55·6	54·5	54·3	55·0	53·2	51·4	48·4	46·7	46·5	44·8	44·6	45·2
28	59·6	59·4	59·4	59·2	57·2	56·2	55·7	55·2	55·0	50·6	49·4	49·0
29	51·7	51·5	51·6	51·3	51·6	51·7	51·2	51·2	51·3	51·3	51·0	50·8
30	50·0	50·4	49·3	49·2	48·9	48·0	47·5	47·2	46·8	46·3	46·3	46·3
31												

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON
1	52·3	52·1	51·8	51·7	50·7	49·0	50·6	53·7	54·9	56·5	55·7	56·5
2	52·9	53·0	52·7	51·8	51·0	50·3	51·6	52·7	53·0	52·5	53·8	55·0
3	58·0	58·0	58·0	58·0	58·0	57·8	58·7	58·6	59·0	59·6	59·8	60·2
4	57·0	57·4	57·8	57·7	57·2	57·3	58·0	59·0	59·6	60·0	60·9	60·7
5	58·5	58·8	57·2	56·2	56·0	56·1	56·7	56·5	56·5	57·0	58·2	60·0
6	53·6	53·0	52·6	51·0	51·0	50·6	52·1	53·4	56·5	59·5	60·0	59·8
7	54·2	53·5	51·8	50·8	50·0	48·9	50·0	51·3	53·9	54·0	55·0	54·8
8	54·7	55·0	55·0	54·7	54·2	53·4	53·9	54·0	55·1	55·8	58·0	59·0
9	55·6	55·3	55·4	55·8	55·7	55·2	56·0	57·0	56·8	54·4	55·0	54·0
10	47·8	48·0	48·8	49·0	49·6	49·8	49·9	51·9	52·9	53·0	53·8	54·7
11	53·0	53·3	54·2	54·6	54·4	54·7	55·1	55·9	55·9	56·1	57·1	56·5
12	55·0	55·2	54·9	54·9	51·0	49·1	49·0	49·4	48·9	48·9	48·1	49·1
13	49·1	49·4	49·4	50·0	50·8	50·7	51·8	51·9	52·7	51·9	52·4	53·1
14	56·0	56·1	56·7	54·8	52·8	52·0	52·8	54·1	55·0	55·2	55·9	54·3
15	57·0	56·0	55·4	54·8	54·9	54·9	55·2	55·7	56·1	56·8	57·1	57·1
16	49·2	49·0	48·1	47·0	45·8	46·6	46·2	45·0	47·3	47·1	47·3	47·2
17	50·0	51·0	51·9	53·1	55·9	56·2	55·6	56·4	57·9	58·9	58·1	58·8
18	52·1	49·9	48·9	46·4	45·9	45·3	46·1	46·0	47·7	47·5	47·8	46·6
19	44·7	44·0	44·0	44·0	43·4	43·5	44·0	44·3	45·4	44·9	45·0	45·7
20	42·2	44·8	42·0	42·4	42·9	42·9	42·7	43·6	44·0	44·8	44·0	45·9
21	44·0	43·1	44·8	44·3	43·8	43·8	44·5	45·7	48·0	47·8	48·0	49·9
22	48·0	49·8	50·7	51·0	51·0	50·9	51·5	51·2	51·4	50·7	50·3	49·9
23	43·7	43·4	43·0	43·8	43·6	43·2	44·6	45·3	46·0	45·9	46·6	47·2
24	49·3	50·0	50·0	49·9	49·9	50·0	50·8	51·3	52·9	52·7	53·0	53·5
25	51·0	51·0	50·5	50·4	50·9	51·8	52·7	50·0	50·8	48·9	49·9	49·0
26	41·9	41·1	41·0	41·8	42·0	42·0	42·1	45·0	47·0	46·0	46·9	45·9
27	45·3	44·7	45·0	43·8	43·9	44·8	44·1	45·1	47·9	47·5	47·3	47·3
28	43·1	43·1	43·1	43·5	42·9	42·3	43·6	44·7	46·7	48·4	50·0	53·3
29	48·0	48·0	48·0	48·0	48·0	48·2	48·4	48·9	49·1	49·4	50·1	50·8
30	50·0	49·6	49·0	48·3	48·2	48·0	47·9	47·6	47·1	47·6	47·7	47·5
31												

1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
57·5	57·0	57·0	57·9	57·0	56·0	54·2	52·8	52·7	53·0	52·9	52·5	1
56·6	56·7	57·5	56·5	56·9	56·7	56·8	57·4	57·8	58·0	58·2	58·0	2
59·8	59·6	60·3	60·5	60·5	60·0	58·0	57·6	57·0	56·9	56·8	56·9	3
61·7	61·5	61·7	61·2	61·0	61·0	61·0	60·5	60·6	60·0	59·2	58·9	4
61·6	62·0	62·0	62·9	62·6	62·0	58·0	58·0	58·1	56·5	55·0	53·8	5
59·1	59·6	59·2	59·0	59·0	58·5	58·5	58·6	58·8	58·0	55·7	54·5	6
54·0	57·9	57·2	57·0	56·5	57·0	56·1	55·1	54·6	54·6	54·1	54·1	7
60·9	59·0	59·3	60·0	60·0	59·0	57·1	56·8	57·0	57·5	57·5	56·5	8
53·5	52·7	52·0	52·4	52·7	51·9	50·2	48·9	48·0	47·1	46·5	47·5	9
54·6	53·9	52·1	51·7	51·8	51·0	51·0	50·4	50·4	50·8	51·0	51·9	10
57·6	57·8	57·8	58·2	58·6	58·0	57·9	57·7	56·6	57·2	57·0	55·9	11
48·9	49·1	51·1	50·6	50·2	49·3	47·8	47·8	47·7	48·3	49·0	49·1	12
53·0	52·0	53·3	52·1	52·0	52·6	53·1	53·1	54·6	55·0	55·1	55·5	13
54·6	53·0	53·8	54·9	54·3	54·0	52·7	52·1	53·9	53·9	53·9	55·9	14
51·3	48·9	48·9	47·9	46·8	45·9	45·2	46·2	45·7	47·0	48·8	49·8	15
46·8	46·3	46·9	46·1	45·9	45·3	45·8	45·8	46·9	47·1	48·9	49·9	16
58·8	58·7	58·6	56·9	57·2	57·1	56·7	56·9	57·1	57·0	57·0	53·9	17
46·3	47·1	45·9	42·7	45·1	44·8	42·9	43·1	42·9	44·2	43·9	44·0	18
46·7	44·1	43·8	45·1	45·1	45·0	45·0	44·8	43·9	43·5	43·0	43·0	19
45·9	46·8	46·5	46·9	45·9	45·6	44·9	44·1	44·2	43·1	43·0	43·3	20
49·6	49·9	49·1	47·4	47·9	45·1	44·7	45·2	45·2	45·8	46·9	47·1	21
49·4	49·4	49·8	49·9	47·9	46·0	45·8	45·1	44·8	44·6	44·7	44·4	22
48·0	48·8	48·9	48·7	48·3	48·1	48·0	47·9	47·7	47·4	47·9	47·9	23
53·6	54·0	53·7	53·8	53·7	53·3	52·7	52·4	51·8	51·5	51·0	51·0	24
48·4	47·5	48·0	46·4	45·5	44·3	43·0	42·7	42·1	41·0	41·0	41·9	25
47·7	45·9	46·5	46·8	47·0	45·7	46·2	45·2	45·0	45·7	45·0	45·6	26
48·4	48·0	48·1	48·7	48·0	46·9	45·2	44·0	43·8	42·8	42·8	43·1	27
55·1	55·9	55·9	56·1	55·9	55·7	55·1	54·9	54·7	50·1	48·7	48·2	28
50·9	50·9	50·9	50·9	50·9	51·0	50·9	50·9	50·8	50·8	50·2	50·1	29
47·1	47·2	47·0	46·5	46·0	45·9	45·6	45·0	45·0	45·0	44·0	43·0	30
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† Reading of Standard *

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT: 55°53'N. LONG: 4°18' W. HOURLY VALUES September 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	24	7.5	25	8.5	23	6.5	24	8.5	25	6.5	25	6.5	25	4.5	25	6.5	24	4.5	21	6.5	24	9.5	22	8.5
2	22	6.5	22	6.5	22	5.5	22	4	22	4	22	3	22	4	22	5.5	18	9.5	19	9.5	20	13	20	13
3	18	15	19	15	18	13	19	18	20	22	20	20	20	21	20	20	20	23	20	24	20	26	21	27
4	23	2	23	1.5	23	2	23	3	23	1.5	23	2	23	1.5	23	8.5	20	7.5	21	7.5	21	7.5	21	8.5
5	6	7.5	8	7.5	8	5.5	8	5.5	8	6.5	8	5.5	8	8.5	6	6.5	7	5.5	7	9.5	7	8.5	8	4.5
6	24	1.5	24	2	24	3	24	3	24	4	24	3	24	4	31	3	31	3	21	8.5	20	12	20	12
7	23	8.5	23	7.5	23	9.5	22	2	22	7.5	23	8.5	23	7.5	23	8.5	23	8.5	23	6.5	23	6.5	26	7.5
8	20	4	20	3	20	4	20	3	20	5.5	20	6.5	20	5.5	8	4	8	4	6	4.5	6	6.5	6	4.5
9	19	13	19	12	19	12	20	17	20	18	20	17	19	23	21	23	26	20	25	21	25	16	27	15
10	25	3	25	3	25	3	25	2	25	3	25	4	25	3	25	3	25	6.5	20	10.5	20	16	20	15
11	21	5.5	20	9.5	19	14	19	6.5	18	15	20	13	18	13	19	15	21	17	20	18	20	25	20	18
12	20	21	20	20	20	23	20	22	25	15	26	16	28	14	27	11	28	14	28	18	29	18	26	16
13	21	11	21	12	20	12	21	14	21	8.5	22	16	22	15	20	14	23	16	23	16	25	23	23	19
14	20	26	20	28	21	22	22	8.5	19	11	23	15	19	4	22	13	22	15	22	15	23	15	23	15
15	18	20	19	20	17	24	17	23	16	23	16	26	16	25	16	30	16	36	16	40	16	47	16	48
16	23	30	23	29	23	28	23	31	24	27	24	29	24	34	24	36	24	39	24	42	25	46	25	38
17	22	20	20	25	20	30	20	30	22	33	23	32	23	30	23	29	23	34	23	27	22	27	22	28
18	23	28	24	20	23	16	23	19	22	17	23	13	21	15	23	16	23	19	22	23	22	29	22	22
19	22	19	23	20	24	18	22	17	22	15	23	16	22	18	25	19	23	21	23	24	23	27	24	18
20	22	4.5	31	8.5	29	4.5	23	4	29	4.5	1	4.5	32	4.5	32	3	3	4.5	31	5.5	1	7.5	28	6.5
21	24	6.5	24	5.5	24	7.5	24	7.5	24	4.5	24	4.5	24	4.5	24	4	24	5.5	23	7.5	18	10.5	20	9.5
22	13	10.5	14	13	13	13	14	16	15	14	14	14	14	15	14	17	15	21	15	24	14	18	13	17
23	22	3	22	2	22	2	22	2	22	3	22	4.5	22	5.5	23	6.5	26	7.5	26	7.5	26	9.5	26	8.5
24	3	9.5	3	9.5	32	11	3	13	4	16	3	10.5	4	10.5	4	10.5	5	9.5	4	10.5	4	8.5	6	12
25	17	9.5	16	10.5	15	17	16	17	17	16	18	16	22	14	25	10.5	23	13	26	16	26	21	24	21
26	23	9.5	23	6.5	24	5.5	24	4	24	5.5	23	8.5	23	7.5	22	11	21	14	25	13	25	14	26	14
27	24	11	24	13	23	12	23	9.5	23	6.5	25	5.5	25	4	25	4	23	9.5	26	14	25	18	25	15
28	26	3	26	1.5	26	3	26	3	26	4	26	4	26	3	26	2	26	2	26	3	26	3	26	4.5
29	6	9.5	6	9.5	5	9.5	5	8.5	5	9.5	6	8.5	6	8.5	6	9.5	6	6.5	6	10.5	5	10.5	5	7.5
30	4	17	4	15	4	17	5	19	4	20	5	18	4	22	4	17	3	14	4	16	4	16	4	17
31																								

DAYS	1		2		3		4		5		6		7		8		9		10		11		MIDT.	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	23	7.5	18	10.5	20	14	22	12	23	13	23	12	23	10.5	23	6.5	23	8.5	23	4.5	22	5.5	22	5.5
2	20	15	17	19	18	17	19	16	19	14	17	16	17	13	17	12	16	13	19	11	18	18	19	19
3	21	24	21	17	21	17	21	16	20	11	22	9.5	23	9.5	23	5.5	23	4	23	3	23	2	23	2
4	21	5.5	21	4	24	5.5	24	4	24	5.5	3	5.5	4	4.5	4	4.5	4	4	4	8.5	6	7.5	6	6.5
5	4	4.5	4	4	3	5.5	3	4.5	3	4.5	24	6.5	24	4.5	24	4	24	6.5	24	4.5	24	3	24	4
6	20	11	20	13	21	7.5	21	13	20	10.5	19	8.5	19	7.5	19	4.5	20	10.5	21	11	24	9.5	23	8.5
7	22	6.5	20	7.5	20	5.5	20	7.5	21	8.5	20	7.5	20	6.5	20	4.5	20	1.5	20	1.5	20	2	20	3
8	20	8.5	21	9.5	20	13	20	11	21	10.5	21	9.5	21	7.5	21	7.5	21	6.5	21	8.5	19	5.5	18	9.5
9	25	17	27	18	27	16	25	16	26	11	27	9.5	26	10.5	25	6.5	25	4.5	25	5.5	25	5.5	25	4.5
10	20	16	20	17	21	18	20	17	20	12	20	12	20	9.5	18	12	18	9.5	18	9.5	18	8.5	18	5.5
11	20	20	20	21	20	21	20	21	20	21	18	14	20	14	20	18	20	16	20	16	20	18	20	16
12	27	16	27	13	26	19	26	19	25	16	27	12	25	13	24	5.5	23	10.5	23	10.5	23	11	22	13
13	24	19	20	15	20	17	20	18	20	17	20	15	19	13	19	16	19	21	20	25	20	24	20	29
14	23	18	23	15	22	11	22	11	20	11	19	7.5	19	4.5	19	4	17	5.5	17	4.5	17	9.5	16	13
15	23	34	20	26	22	25	23	26	21	30	20	29	21	34	20	39	20	37	20	38	20	37	22	32
16	25	38	25	36	24	36	24	35	23	31	23	33	23	30	22	32	22	30	22	23	22	25	21	24
17	22	30	22	26	21	24	22	24	20	19	20	27	21	25	20	25	20	25	20	24	24	25	22	19
18	20	18	23	20	24	11	23	12	22	12	26	13	24	11	22	21	23	19	21	20	22	14	22	18
19	22	20	23	20	23	18	22	18	22	18	23	13	22	8.5	22	6.5	22	4	22	4	22	3	22	3
20	24	7.5	24	8.5	25	11	26	13	25	11	24	7.5	26	8.5	24	9.5	24	8.5	24	4.5	24	5.5	24	5.5
21	18	12	19	12	21	12	19	10.5	17	9.5	16	12	16	10.5	14	9.5	14	8.5	14	7.5	14	8.5	12	10.5
22	12	15	13	18	13	13	11	13	25	14	24	13	23	9.5	22	8.5	22	7.5	22	4	22	2	22	2
23	26	7.5	26	5.5	26	3	26	4.5	26	3	2	5.5	2	4	2	5.5	2	6.5	3	7.5	3	6.5	2	5.5
24	5	6.5	5	5.5	6	7.5	6	7.5	6	7.5	7	4.5	7	5.5	7	4	7	3	12	6.5	14	8.5	17	13
25	26	17	26	17	24	22	25	19	25	18	24	12	22	11	22	13	21	9.5	21	7.5	21	10.5	23	10.5
26	26	19	23	16	24	15	24	14	23	14	23	10.5	22	11	23	11	23	9.5	21	9.5	22	8.5	26	11
27	24	15	26	15	26	15	25	15	25	10.5	26	10.5	26	6.5	26	5.5	26	4.5	26	3	26	4	26	4
28	23	9.5	23	7.5	21	5.5	20	8.5	21	8.5	21	4.5	21	4.5	21	4	21	4.5	6	11	6	12	6	12
29	5	10.5	6	10.5	5	10.5	5	9.5	5	11	6	9.5	5	10.5	5	9.5	4	9.5	5	12	4	11	5	15
30	5	16	5	16	6	14	6	11	5	10.5	5	9.5	6	9.5	6	8.5	5	6.5	5	8.5	7	7.5	9	7.5
31																								

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.003	.002	.005
3	.016	.014	.110	.030	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.003	.003	.	.002
4	.	.	.	.	.	.	.	.	.	.	.	.	.004	.	.	.002	.	.	.	.	.004	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.042	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.003	.077	.078	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.018	.016	.024	.031
14	.024	.017	.013	.007	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010
15	.	.	.	.	.	.007	.065	.065	.070	.055	.005	.008	.267	.055	.	.010	.	.	.	.	.	.060	.047	.057
16	.018	.007	.	.	.023	.002	.026	.010	.010	.	.	.010	.	.	.003	.007	.	.	.	.	.	.	.	.
17	.012	.010	.010	.030	.017	.002	.	.	.	.	.	.	.	.	.	.002	.002	.005	.031	.012	.013	.005	.032	.140
18	.030	.	.	.	.	.	.	.	.	.	.	.012	.005	.002	.002	.138	.	.052	.009	.	.029	.	.040	.045
19	.015	.010	.009	.001	.002	.008	.	.	.040	.041	.003	.011	.036	.017	.055	.003	.004	.001	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.008	.002	.001	.001	.	.	.	.
23	.	.	.002	.036	.073	.099	.048	.002	.008	.050	.140	.054	.051	.030	.016	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.020	.040	.012	.022	.016	.056	.074	.022	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.009	.001	.003	.	.002	.	.002	.	.	.	.053	.031	.001	.004	.015	.016	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.040	.051	.041	.020	.030	.018	.002
29	.002	.	.	.	.	.	.	.	.	.	.	.020	.015	.010	.041	.093	.006	.100	.115	.090	.060	.002	.078	.220
30	.101	.009	.002	.057	.141	.155	.135	.040	.057	.013	.	.002	.001	.002	.	.	.	.001	.002	.001	.013	.003	.005	.010
31																								
512	247	108	164	260	354	342	358	139	185	159	201	148	380	120	132	127	040	121	209	145	169	129	196	522
8	9	7	8	7	8	7	6	4	5	4	4	7	6	6	5	7	5	6	5	3	8	7	7	9

VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	[illegible]	.358	.356	.356	.345	.330	.344	.373	.369	.384	.372	.372	.387	.388	.389	.404	.387	.388	.376	.368	.364	.369	.372	.363
2	[illegible]	.375	.374	.369	.358	.348	.366	.367	.337	.325	.336	.347	.365	.364	.379	.371	.406	.423	.420	.438	.454	.457	.453	.459
3	[illegible]	.467	.470	.467	.467	.461	.469	.458	.466	.465	.465	.464	.468	.469	.474	.469	.480	.478	.434	.435	.436	.439	.433	.442
4	[illegible]	.450	.463	.463	.448	.450	.467	.475	.478	.468	.500	.496	.515	.509	.521	.502	.499	.505	.502	.494	.513	.503	.480	.482
5	[illegible]	.479	.457	.442	.439	.442	.456	.444	.443	.451	.455	.470	.497	.486	.486	.520	.515	.512	.414	.433	.442	.422	.415	.397
6	[illegible]	.388	.383	.361	.362	.360	.367	.386	.422	.459	.454	.447	.455	.458	.442	.453	.485	.471	.469	.477	.482	.466	.419	.399
7	[illegible]	.385	.363	.356	.343	.330	.335	.339	.366	.346	.347	.332	.303	.380	.364	.360	.348	.382	.386	.383	.384	.383	.374	.380
8	[illegible]	.418	.416	.415	.409	.394	.405	.401	.408	.415	.428	.418	.440	.391	.395	.426	.447	.446	.436	.430	.435	.452	.455	.425
9	[illegible]	.408	.408	.415	.419	.417	.430	.449	.419	.345	.349	.331	.315	.302	.295	.298	.315	.318	.300	.298	.299	.288	.288	.298
10	[illegible]	.309	.329	.329	.336	.339	.336	.353	.353	.351	.359	.353	.347	.321	.296	.290	.303	.297	.313	.311	.315	.322	.326	.343
11	[illegible]	.373	.398	.405	.398	.396	.398	.407	.404	.400	.413	.412	.418	.422	.416	.420	.431	.435	.443	.430	.436	.441	.435	.415
12	[illegible]	.400	.405	.416	.348	.316	.310	.296	.268	.259	.238	.252	.245	.250	.278	.277	.278	.281	.268	.283	.282	.296	.310	.311
13	[illegible]	.320	.321	.323	.332	.376	.346	.344	.344	.321	.308	.328	.322	.314	.338	.325	.330	.348	.367	.367	.407	.412	.415	.423
14	[illegible]	.433	.452	.407	.370	.345	.366	.379	.393	.383	.371	.336	.331	.303	.338	.347	.344	.353	.352	.349	.377	.385	.375	.435
15	[illegible]	.414	.401	.389	.389	.401	.411	.424	.421	.433	.422	.422	.370	.311	.289	.268	.263	.261	.250	.262	.265	.292	.328	.330
16	[illegible]	.302	.288	.267	.263	.271	.261	.261	.272	.272	.261	.273	.243	.253	.255	.261	.264	.241	.256	.250	.274	.274	.304	.346
17	[illegible]	.361	.372	.393	.433	.437	.412	.434	.450	.477	.457	.476	.457	.461	.459	.432	.445	.448	.448	.448	.451	.450	.465	.402
18	[illegible]	.325	.311	.273	.280	.266	.280	.265	.287	.265	.272	.287	.271	.260	.278	.265	.265	.276	.252	.242	.250	.261	.265	.267
19	[illegible]	.266	.259	.255	.247	.255	.254	.251	.262	.274	.255	.278	.281	.256	.267	.264	.265	.264	.276	.279	.273	.271	.270	.269
20	[illegible]	.256	.251	.252	.250	.246	.238	.238	.227	.232	.212	.231	.228	.241	.238	.247	.238	.251	.245	.252	.254	.251	.243	.252
21	[illegible]	.259	.286	.280	.275	.273	.282	.290	.308	.289	.281	.306	.301	.308	.301	.270	.280	.244	.251	.250	.255	.270	.282	.283
22	[illegible]	.317	.320	.327	.333	.333	.348	.340	.336	.325	.317	.315	.312	.307	.312	.318	.320	.286	.292	.278	.273	.279	.282	.278
23	[illegible]	.273	.265	.277	.276	.271	.287	.283	.293	.292	.303	.311	.322	.335	.332	.328	.321	.316	.319	.317	.314	.299	.306	.305
24	[illegible]	.329	.322	.323	.330	.332	.339	.341	.364	.367	.368	.365	.368	.377	.372	.379	.382	.377	.377	.376	.369	.365	.353	.344
25	[illegible]	.361	.349	.354	.359	.373	.388	.342	.345	.292	.300	.283	.279	.271	.267	.246	.239	.246	.236	.229	.239	.235	.231	.242
26	[illegible]	.236	.231	.242	.240	.246	.243	.269	.283	.271	.296	.283	.272	.264	.275	.288	.284	.271	.281	.272	.267	.279	.277	.283
27	[illegible]	.278	.269	.269	.273	.283	.270	.281	.297	.275	.260	.254	.264	.264	.267	.274	.275	.270	.264	.257	.255	.251	.254	.253
28	[illegible]	.256	.259	.265	.261	.252	.264	.275	.294	.283	.320	.352	.376	.399	.399	.408	.428	.437	.426	.427	.424	.356	.335	.327
29	[illegible]	.327	.323	.325	.323	.324	.323	.335	.335	.341	.347	.365	.362	.365	.363	.367	.363	.365	.368	.368	.365	.365	.353	.353
30	[illegible]	.344	.330	.327	.327	.321	.321	.313	.302	.306	.302	.304	.288	.287	.294	.285	.277	.283	.283	.273	.277	.284	.261	.241
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG 2°6′ W

HOURLY VALUES September 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	DAYS
1	29·731	29·740	29·748	29·767	29·784	29·812	29·832	29·854	29·872	29·892	29·904	29·915	29·928	1
2	30·069	30·067	30·067	30·072	30·074	30·073	30·081	30·066	30·075	30·066	30·065	30·046	30·027	2
3	29·869	29·858	29·837	29·826	29·833	29·836	29·826	29·830	29·840	29·847	29·834	29·839	29·842	3
4	29·972	29·971	29·975	29·978	·987	29·999	30·015	30·024	30·029	30·029	30·028	30·028	30·019	4
5	30·031	30·023	30·010	30·006	·998	30·004	29·999	29·998	29·999	29·994	29·986	29·978	29·971	5
6	29·851	29·840	29·834	29·838	·843	29·851	·855	29·851	29·856	29·858	29·854	29·840	29·841	6
7	29·916	29·911	29·919	·948	·954	·973	·987	30·001	30·013	30·014	30·023	30·025	30·028	7
8	30·023	30·014	30·010	·999	·997	·994	·989	29·981	29·968	29·959	29·944	29·929	29·908	8
9	29·748	29·724	29·713	29·692	29·672	29·664	29·656	29·654	29·659	29·699	29·736	29·754	29·786	9
10	·999	30·009	30·006	30·006	30·014	30·019	30·028	30·031	30·034	30·041	30·043	30·043	30·044	10
11	·988	29·986	29·977	29·967	29·969	29·978	29·979	29·984	29·977	29·966	29·966	29·958	29·956	11
12	·798	·775	·744	·764	·793	·811	·823	·861	·886	·908	·922	·932	·942	12
13	·931	·932	·905	·890	·869	·866	·851	·855	·862	·842	·836	·814	·795	13
14	·513	·519	·540	·546	·574	·603	·626	·654	·681	·693	·714	29·721	29·728	14
15	29·533	29·504	29·441	29·377	29·333	29·288	29·232	29·189	29·134	·068	·012	28·915	28·859	15
16	28·692	28·730	28·751	28·801	28·833	28·887	28·913	28·940	28·996	·015	·071	29·114	29·144	16
17	29·458	29·427	29·379	29·330	29·292	29·280	29·297	29·318	29·325	·335	·350	·346	·360	17
18	·148	·147	·153	·166	·170	·193	·202	·206	·208	·215	·229	·222	·218	18
19	·224	·228	·238	·240	·260	·283	·295	·304	·310	·319	·325	·327	·333	19
20	·579	·613	·644	·677	·699	·727	·765	·781	·806	·830	·850	·856	·873	20
21	·909	·914	·914	·924	·932	·942	·950	·957	·971	·978	·970	·969	·959	21
22	·794	·774	·737	·710	·692	·690	·677	·659	·651	·636	·618	·598	·572	22
23	·427	·420	·420	·417	·410	·404	·392	·383	·379	·373	·361	·371	·371	23
24	·544	·545	·558	·577	·594	·610	·615	·619	·627	·636	·634	·638	·633	24
25	·438	·403	·363	·343	·318	·298	·283	·265	·260	·258	·266	·275	·272	25
26	·511	·519	·527	·533	·544	·560	·572	·575	·575	·580	·591	·589	·580	26
27	·640	·647	·647	·638	·647	·662	·663	·676	·700	·721	·722	·748	·762	27
28	·895	·890	·893	·885	·886	·897	·903	·917	·918	·910	·910	·910	·901	28
29	·977	·970	·963	·967	·970	·973	·976	·981	·987	·983	·986	·982	·969	29
30	29·796	29·772	29·746	29·716	29·697	29·689	29·680	29·676	29·678	29·681	29·690	29·698	29·703	30
31														31

DAYS	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·946	29·960	29·980	29·991	30·004	30·018	30·030	30·042	30·052	30·060	30·060	1
2	30·004	·979	·966	·948	29·933	29·931	29·925	29·920	29·903	29·901	29·884	2
3	29·848	29·847	29·856	29·875	29·889	29·919	29·927	29·939	29·942	29·968	29·969	3
4	30·015	30·014	30·021	30·021	30·023	30·033	30·037	30·037	30·037	30·041	30·039	4
5	29·951	29·944	29·933	29·925	29·914	29·906	29·898	29·895	29·885	29·874	29·860	5
6	29·832	29·833	29·838	29·861	29·874	29·887	29·894	29·899	29·906	29·906	29·908	6
7	30·028	30·036	30·040	30·036	30·036	30·043	30·048	30·048	30·048	30·045	30·039	7
8	29·892	29·877	29·861	29·849	29·842	29·839	29·827	29·821	29·804	29·786	29·774	8
9	29·808	29·830	29·861	29·887	29·908	29·943	29·954	29·961	29·973	29·978	29·989	9
10	30·039	30·036	30·024	30·028	30·034	30·046	30·044	30·043	30·033	30·011	30·009	10
11	29·935	29·919	29·910	29·906	29·911	29·905	29·904	29·880	29·867	29·845	29·832	11
12	·952	·952	·962	·965	·980	·982	·980	·974	·976	·958	·947	12
13	·762	·750	·732	·721	·702	·683	·668	·636	·586	·572	·534	13
14	29·729	29·728	29·719	29·706	29·705	29·701	29·689	29·672	29·656	29·622	29·595	14
15	28·800	28·826	28·829	28·825	28·816	28·801	28·767	28·743	28·717	28·673	28·657	15
16	29·184	29·233	29·256	29·282	29·312	29·351	29·395	29·407	29·426	29·440	29·436	16
17	·341	·325	·304	·288	·276	·263	·253	·214	·202	·190	·166	17
18	·215	·219	·218	·229	·229	·236	·238	·239	·234	·230	·227	18
19	·338	·348	·365	·374	·389	·413	·426	·442	·466	·495	·544	19
20	·884	·890	·894	·908	·911	·911	·908	·900	·900	·895	·904	20
21	·952	·941	·935	·930	·915	·900	·887	·873	·860	·841	·817	21
22	·555	·523	·505	·490	·485	·471	·460	·446	·437	·436	·436	22
23	·380	·383	·404	·427	·452	·470	·487	·503	·521	·531	·540	23
24	·623	·622	·610	·603	·594	·593	·571	·546	·525	·491	·465	24
25	·279	·297	·327	·358	·374	·403	·420	·445	·465	·489	·499	25
26	·599	·605	·602	·612	·619	·628	·634	·639	·643	·642	·635	26
27	·786	·794	·820	·844	·848	·862	·887	·883	·890	·887	·897	27
28	·915	·913	·919	·923	·934	·946	·953	·964	·969	·973	·974	28
29	·959	·944	·931	·920	·918	·916	·896	·881	·868	·849	·823	29
30	29·715	29·721	29·736	29·761	29·783	29·798	29·814	29·829	29·841	29·850	29·859	30
31												31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	54·7	54·4	54·1	54·3	54·0	54·2	54·6	56·2	56·0	56·3	58·2	59·2	58·7	58·8	57·0	56·6	56·4	56·2	54·4	54·1	53·4	52·7	52·5	52·4	1
2	52·2	52·3	52·1	51·6	51·1	51·0	52·1	53·0	54·4	56·1	56·2	55·7	58·4	59·5	58·6	58·4	58·7	56·7	56·6	56·6	56·5	57·4	57·1	56·7	2
3	57·8	58·7	58·0	59·6	59·8	59·0	59·0	60·0	60·8	61·4	65·7	67·4	68·0	70·1	70·0	68·4	68·0	65·8	62·2	60·1	58·2	56·0	55·0	54·3	3
4	54·3	52·1	53·2	53·0	50·5	50·5	54·0	57·6	61·7	63·6	63·7	65·0	66·4	66·7	65·6	65·4	64·5	64·0	63·4	62·4	62·0	61·6	60·8	59·3	4
5	58·7	57·1	57·3	57·4	57·6	58·0	58·4	58·8	59·7	60·4	60·4	60·4	61·6	61·8	60·7	60·5	59·6	59·2	58·7	58·5	58·7	59·0	59·0	58·3	5
6	56·7	55·2	53·4	51·0	50·0	50·8	51·3	53·8	58·2	62·5	65·3	68·0	68·3	69·4	68·8	67·6	64·4	63·3	62·4	60·8	60·2	60·7	59·6	58·7	6
7	59·0	59·0	57·7	56·6	56·2	55·2	55·5	56·3	57·4	59·3	61·0	58·6	57·6	57·8	57·6	56·8	56·9	55·7	54·6	54·8	53·6	53·7	53·7	51·5	7
8	51·4	51·8	54·0	54·6	54·9	55·1	55·4	56·1	57·2	58·4	57·6	58·6	60·2	60·4	61·4	60·6	59·3	58·6	57·8	57·0	56·9	56·4	55·7	55·2	8
9	57·9	57·7	57·4	57·5	57·0	56·6	56·1	56·7	58·0	55·1	56·6	59·2	60·6	61·0	61·6	61·1	60·7	59·5	55·1	53·7	53·0	52·6	52·5	51·6	9
10	49·4	47·7	47·9	47·8	47·5	50·3	52·8	55·3	57·0	58·8	60·2	62·1	61·2	61·2	61·3	61·3	60·3	59·0	58·0	57·1	56·1	55·7	55·8	56·0	10
11	54·7	55·0	54·4	54·4	54·0	54·4	56·0	57·0	59·7	62·3	63·7	63·9	65·2	66·6	65·6	65·0	63·3	62·1	60·0	60·6	60·6	59·6	59·8	58·5	11
12	58·1	57·9	58·3	57·0	61·2	50·6	49·9	50·7	53·1	54·9	55·6	57·0	58·9	58·9	59·0	58·8	58·3	56·9	52·8	51·4	52·6	52·1	51·0	50·9	12
13	52·6	52·0	52·0	51·8	52·0	52·4	52·6	54·7	56·9	58·6	59·3	59·1	62·0	63·0	62·1	63·4	61·2	58·5	57·5	57·2	56·3	56·4	56·4	56·8	13
14	58·4	58·6	58·2	57·6	57·5	53·8	54·7	56·6	57·1	60·1	60·8	61·3	62·1	61·0	59·3	59·1	58·8	59·5	56·0	54·3	52·6	52·7	52·2	52·6	14
15	54·1	55·6	55·4	57·3	58·0	57·8	58·0	58·2	59·4	59·0	59·9	59·7	60·0	58·4	54·4	52·0	52·2	52·0	49·1	49·0	48·3	49·6	50·0	50·3	15
16	54·0	54·0	54·2	53·4	52·7	52·8	54·0	54·3	56·1	56·4	57·0	57·6	57·4	57·0	56·0	55·5	53·7	51·7	50·8	50·3	50·3	50·3	50·3	51·1	16
17	49·7	50·1	51·0	50·9	52·3	53·5	57·2	59·0	60·2	63·6	64·5	66·0	65·3	66·0	66·2	65·0	63·3	62·0	60·4	60·0	59·3	59·4	58·8	58·6	17
18	58·0	57·7	57·1	53·4	50·6	49·6	50·6	52·2	53·6	55·2	56·0	57·0	57·9	58·7	57·7	56·3	53·8	51·8	49·6	47·3	45·4	45·1	44·4	43·3	18
19	41·8	42·5	44·1	46·1	47·2	45·3	46·7	48·4	51·2	52·7	54·3	54·4	56·4	55·9	55·8	54·3	51·6	49·8	47·6	48·5	48·0	48·8	48·6	48·6	19
20	48·4	48·0	45·0	46·5	44·1	45·0	46·5	46·8	49·6	50·4	50·0	45·2	45·4	51·3	51·8	52·1	51·5	50·7	48·2	47·3	47·0	47·3	46·0	47·1	20
21	46·2	46·0	44·8	44·2	45·1	44·9	45·0	47·6	49·1	50·3	52·1	51·2	51·4	52·8	53·0	52·4	52·3	51·8	52·0	51·8	51·5	50·7	51·0	50·3	21
22	51·4	51·7	52·0	52·0	52·4	52·6	52·5	52·8	53·8	54·7	55·6	57·2	55·3	55·0	54·8	54·6	54·1	51·5	52·3	52·7	53·0	52·7	52·6	52·0	22
23	52·1	51·8	51·4	51·4	51·6	51·5	49·5	54·2	54·5	53·3	54·0	54·2	54·3	54·4	54·5	54·2	54·4	54·0	54·3	54·5	54·4	54·4	54·3	54·3	23
24	54·4	54·4	54·4	54·4	54·4	53·6	53·9	54·9	55·0	55·0	55·6	55·0	55·1	56·2	55·6	55·0	54·4	54·2	53·7	54·1	53·7	53·9	53·7	54·0	24
25	53·9	53·6	53·1	53·2	53·1	52·0	51·8	51·9	52·2	52·6	53·1	51·1	53·6	57·4	57·6	56·0	52·0	49·9	49·0	47·3	45·5	45·0	44·9	44·4	25
26	43·0	43·4	43·5	40·5	39·5	39·9	41·6	44·0	46·4	50·0	51·6	54·8	55·2	54·1	54·0	54·3	51·6	49·8	47·8	46·0	45·9	45·7	45·7	46·7	26
27	47·7	47·8	48·1	47·9	48·1	47·5	49·2	50·3	52·5	54·0	55·0	55·5	56·0	56·1	56·1	55·3	54·0	52·2	50·6	49·0	48·2	47·5	46·4	47·4	27
28	47·2	46·3	46·1	44·9	43·5	44·0	44·0	45·5	50·6	51·4	53·9	53·4	55·4	54·4	54·6	54·0	52·0	51·4	50·5	49·9	49·0	49·0	48·9	48·3	28
29	48·0	48·1	48·1	48·6	47·8	48·0	49·0	49·3	49·3	50·0	49·4	49·5	49·7	49·8	49·0	48·6	48·1	48·2	48·1	48·0	47·4	47·0	47·2	47·3	29
30	47·5	47·3	47·4	47·0	47·4	46·3	46·8	47·1	46·7	46·8	45·5	46·0	47·3	46·7	48·7	48·7	46·8	45·6	43·8	41·0	40·2	39·4	39·4	39·1	30
31																									31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	53·1	53·1	52·9	52·8	52·6	52·4	53·0	53·5	53·1	53·5	54·3	55·3	54·4	53·8	53·2	52·7	52·2	51·9	51·1	51·1	50·4	50·0	50·4	50·7	1
2	50·6	50·7	51·0	50·7	50·6	50·5	51·1	51·4	52·6	53·7	53·7	53·7	56·1	56·5	55·3	55·0	55·7	54·1	53·9	54·5	55·4	55·7	56·1	55·8	2
3	56·5	57·2	56·9	58·0	58·3	58·1	57·7	58·3	58·3	58·8	60·8	61·3	61·1	59·5	61·6	61·0	57·6	57·9	57·0	55·7	55·0	53·7	52·6	52·0	3
4	51·8	50·3	50·9	51·1	48·6	49·2	52·4	55·0	57·9	59·2	59·7	60·2	61·1	61·7	61·3	61·4	61·2	60·7	60·4	60·1	60·0	59·8	59·1	57·6	4
5	57·1	56·3	56·6	56·9	57·0	57·4	57·6	57·7	58·3	58·3	58·7	58·4	59·4	59·6	59·0	59·1	58·4	58·3	58·0	58·0	58·3	58·7	58·5	57·7	5
6	56·2	54·6	52·9	50·6	49·2	50·2	50·4	52·6	56·7	58·8	60·2	61·7	62·3	62·3	62·1	61·8	59·1	59·5	59·4	58·7	58·7	58·1	57·7	57·1	6
7	57·9	56·3	55·3	55·1	54·0	54·0	54·0	54·6	55·4	56·0	55·4	55·1	55·3	55·4	54·7	54·2	53·7	53·2	53·4	52·7	52·7	52·5	50·7	50·7	7
8	50·6	50·9	52·9	53·7	54·1	54·3	54·6	55·0	55·8	56·4	56·0	56·4	57·6	57·4	58·0	57·6	57·2	56·7	56·3	56·0	56·1	55·6	55·9	55·8	8
9	56·2	56·0	56·0	56·4	56·1	55·4	55·2	55·2	56·3	54·3	53·4	51·7	52·2	52·7	52·1	52·1	52·0	51·5	49·7	49·7	48·7	48·7	48·7	48·2	9
10	46·5	45·0	45·3	45·4	45·3	47·5	49·6	50·5	51·6	52·7	53·5	53·6	54·7	53·6	54·7	55·4	54·8	54·0	52·9	52·7	52·1	51·6	50·6	50·3	10
11	50·1	50·6	50·7	51·1	51·4	52·2	53·3	54·5	55·6	56·4	57·6	59·1	59·3	59·7	60·2	59·5	59·1	58·3	57·7	57·1	57·3	56·6	55·0	54·4	11
12	55·4	55·4	55·3	55·3	55·0	49·5	48·3	48·7	49·9	48·5	48·6	49·6	51·0	51·0	50·3	50·3	51·4	49·5	48·3	48·1	48·4	47·6	47·3	47·0	12
13	46·7	47·0	47·5	47·0	47·7	48·0	49·0	49·6	50·9	52·0	52·7	53·0	55·0	56·4	54·5	53·3	53·0	52·3	52·1	53·0	52·8	53·4	53·8	54·9	13
14	55·7	56·0	56·4	56·2	52·3	48·3	50·5	52·0	53·3	54·8	53·7	52·0	53·0	54·0	54·2	55·0	54·0	54·0	51·6	50·1	48·9	48·8	49·1	49·2	14
15	52·1	54·1	54·6	55·6	55·7	55·0	54·8	55·6	55·8	56·1	57·0	56·8	56·8	56·7	55·1	48·9	49·8	48·4	45·1	45·2	44·4	45·2	46·4	47·4	15
16	49·0	48·4	48·1	47·7	47·1	47·3	46·7	47·0	47·6	48·2	*	48·1	48·0	47·4	47·0	47·3	46·0	45·3	44·5	44·0	44·0	44·0	44·2	44·7	16
17	45·0	46·1	47·2	48·3	50·5	51·6	52·8	53·3	53·7	55·4	56·1	57·0	56·7	57·4	58·1	58·2	57·4	57·3	56·8	55·4	56·2	55·8	56·0	56·4	17
18	56·1	53·3	52·4	47·8	45·2	45·1	45·8	46·0	46·2	47·0	47·0	47·4	47·4	48·0	47·3	47·6	45·6	44·7	43·7	42·6	41·5	41·6	41·3	40·4	18
19	39·6	40·1	40·0	42·8	43·0	42·1	43·1	43·3	44·7	45·4	46·3	46·0	47·6	47·0	46·8	46·1	45·6	43·9	44·1	44·2	46·4	47·0	47·4	47·4	19
20	47·1	45·3	43·0	43·6	42·6	42·0	43·1	43·5	44·9	45·5	45·0	46·0	45·7	45·4	45·2	45·0	45·0	44·0	44·0	43·7	43·4	42·4	42·4	42·5	20
21	42·5	43·0	42·7	42·0	43·0	43·1	42·8	44·9	45·1	45·0	46·3	45·6	45·8	47·2	47·4	47·5	47·9	48·0	48·5	48·4	48·1	47·8	47·6	46·4	21
22	47·3	47·4	48·4	48·6	48·7	48·7	49·0	49·5	50·6	50·3	51·3	52·1	51·4	51·5	51·6	51·0	51·0	50·4	50·9	51·4	51·3	51·4	51·4	50·8	22
23	50·7	50·3	49·7	49·0	49·5	50·6	48·8	52·3	52·6	52·2	51·6	52·2	52·2	52·4	52·1	52·1	52·0	52·4	52·2	52·1	51·6	51·4	51·6	51·6	23
24	52·0	52·3	52·6	52·5	52·2	51·5	51·6	52·1	52·8	53·0	53·5	53·3	53·9	54·3	54·0	53·6	53·2	53·1	52·8	52·9	52·7	52·6	52·4	52·4	24
25	52·4	52·3	51·4	51·3	50·7	50·5	50·8	51·1	51·5	51·9	52·5	50·4	51·6	53·4	51·0	48·4	48·0	46·1	45·1	43·6	42·1	41·6	41·3	41·0	25
26	40·3	40·4	40·0	38·7	37·6	37·7	39·0	40·4	42·3	44·0	44·7	46·4	...	*	...	46·6	45·7	45·2	44·0	42·8	42·4	42·2	42·0	42·3	26
27	42·5	43·0	43·4	43·5	43·5	43·3	44·2	45·1	46·2	47·1	48·3	48·4	48·8	48·8	48·9	48·4	47·9	46·7	45·9	45·0	44·3	44·0	43·1	43·7	27
28	43·6	43·0	42·7	42·0	41·5	41·9	42·0	43·2	44·5	45·6	46·4	47·7	48·0	49·0	50·0	49·2	50·3	50·6	49·2	49·5	49·4	48·8	48·4	48·2	28
29	47·4	47·3	47·2	47·5	47·4	46·5	46·6	46·4	47·0	47·0	46·7	46·8	47·0	47·0	47·0	47·0	46·6	47·0	46·8	46·4	45·9	45·6	46·1	46·0	29
30	46·4	46·6	45·8	46·0	46·0	46·1	45·3	45·7	45·3	44·9	44·8	46·0	45·7	45·3	45·2	44·8	43·3	42·6	40·7	39·4	38·7	38·5	38·4	38·2	30
31																									31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10' N. LONG: 2°6' W.

HOURLY VALUES September 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N}

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	27	23	26	22	26	20	28	15	26	13	27	18	27	15	28	19	27	17	28	17	28	13	30	16	29	14	02	12	28	12	29	12	29	11	28	8·5	28	6·5	28	5·5	28	4·5	28	4	28	4	28	3	1
2	28	4	28	2	28	3	28	3	28	1·5	28	2	28	4	28	7·5	16	7·5	14	12	14	14	14	14	14	18	14	15	14	19	14	16	15	11	14	15	14	9·5	15	8·5	15	5·5	17	9·5	15	9·5	15	15	2
3	14	15	16	10·5	14	6·5	16	9·5	18	7·5	16	7·5	15	5·5	16	10·5	18	8·5	18	10·5	18	18	18	16	18	18	20	19	18	14	19	16	20	17	20	10·5	21	7·5	21	6·5	21	6·5	21	3	21	4	21	4·5	3
4	21	4	21	5·5	21	8·5	21	3	21	5·5	21	4·5	21	2	21	4·5	21	5·5	16	9·5	14	12	14	10·5	14	13	15	14	15	13	15	11	15	11	17	9·5	18	11	17	8·5	17	6·5	17	5·5	17	6·5	17	5·5	4
5	17	3	17	4·5	17	6·5	17	6·5	17	7·5	15	6·5	15	8·5	15	10·5	14	13	14	14	15	13	14	14	14	12	14	10·5	14	9·5	14	7·5	14	5·5	14	4	14	4·5	14	3	14	3	14	2	14	3			5
6	14	4	14	4	14	4	14	4·5	14	5·5	14	4	14	5·5	14	3	14	2	14	6·5	15	9·5	14	16	14	12	18	10·5	18	11	19	11	27	6·5	27	3	27	2	27	4	27	3	27	3	27	4	27	4	6
7	27	5·5	27	3	27	9·5	27	9·5	28	8·5	28	10·5	28	9·5	28	9·5	28	11	28	8·5	28	7·5	30	6·5	6	9·5	9	8·5	8	7·5	11	8·5	11	6·5	11	6·5	11	4·5	11	4	11	4	11	3	11	4	11	4·5	7
8	11	3	11	4·5	11	4	11	4·5	16	8·5	17	7·5	17	9·5	16	8·5	16	11	15	13	16	16	15	16	14	16	16	16	16	15	16	15	16	15	16	12	16	8·5	17	6·5	17	4	17	3	17	7·5	17	8·5	8
9	17	10·5	17	15	18	11	16	11	16	10·5	17	10·5	16	11	17	11	18	15	26	20	26	25	26	23	26	22	26	20	26	16	26	12	27	9·5	27	6·5	27	7·5	27	6·5	27	9·5	27	4·5	24	4	24	3	9
10	24	5·5	23	6·5	24	4·5	24	5·5	24	4	24	4	24	4·5	23	8·5	22	10·5	20	15	20	14	22	9·5	18	12	18	14	19	11	18	11	19	9·5	19	10·5	20	11	18	13	19	10·5	19	11	19	16	16	14	10
11	19	17	20	13	17	12	16	9·5	16	10·5	16	6·5	17	9·5	17	9·5	16	13	16	19	16	18	14	22	16	17	17	16	18	22	18	21	17	21	17	14	17	5·5	19	14	19	14	19	12	18	15	17	12	11
12	18	8·5	18	10·5	18	14	24	18	27	20	28	15	27	18	27	16	26	20	28	26	27	24	27	22	26	21	26	23	26	22	26	14	26	10·5	26	12	26	6·5	26	5·5	24	4·5	21	7·5	21	4·5	21	6·5	12
13	21	8·5	21	5·5	21	6·5	21	5·5	21	4·5	21	4	21	4·5	21	4	21	4·5	21	5·5	11	8·5	9	11	12	12	12	7·5	23	11	21	15	20	12	18	12	16	9·5	16	13	16	13	19	25	18	25	18	27	13
14	19	26	19	26	20	15	19	7·5	23	7·5	23	5·5	23	4·5	23	6·5	26	6·5	6	6·5	26	10·5	26	9·5	24	6·5	12	10·5	12	14	12	12	12	9·5	16	6·5	17	4·5	17	8·5	19	7·5	19	8·5	19	6·5	17	8·5	14
15	16	13	15	15	15	16	16	21	15	22	16	19	14	27	14	29	15	30	15	30	15	40	14	40	14	36	14	32	22	20	17	15	15	13	17	19	19	21	18	24	18	28	18	28	18	27	18	28	15
16	20	22	21	19	20	23	20	21	21	19	20	12	23	20	22	28	22	25	23	29	23	35	23	32	23	33	23	34	25	29	23	32	23	32	23	29	24	27	24	23	23	25	22	19	22	17	22	12	16
17	21	5·5	21	7·5	18	11	17	17	18	17	18	15	21	10·5	21	15	22	20	22	26	22	26	22	25	21	20	22	19	20	18	19	14	19	13	18	15	18	15	18	15	18	23	19	21	18	17	18	12	17
18	18	10·5	19	14	20	15	24	16·5	23	9·5	20	6·5	20	8·5	20	15	21	20	20	22	20	25	20	19	23	21	22	13	22	13	22	14	22	14	21	13	21	14	21	10·5	20	11	19	6·5	19	7·5	19	8·5	18
19	19	9·5	19	10·5	19	5·5	23	12	22	11	21	8·5	20	8·5	20	15	21	22	20	22	21	21	21	18	22	18	22	14	23	12	24	14	23	7·5	23	4·5	23	7·5	23	11	23	8·5	23	10·5	26	13	28	13	19
20	29	12	28	13	28	12	28	13	27	15	28	16	28	15	28	15	28	20	26	16	27	22	29	21	29	16	27	17	28	16	27	15	24	8·5	24	7·5	24	8·5	24	11	22	13	23	12	24	19	25	21	20
21	25	12	25	11	23	11	23	7·5	24	9·5	24	6·5	24	6·5	24	7·5	24	8·5	24	6·5	24	4·5	24	6·5	14	11	14	13	14	14	14	12	15	11	16	8·5	16	12	15	10·5	16	7·5	16	8·5	16	9·5	16	12	21
22	15	17	15	17	15	20	14	15	14	20	14	20	14	21	14	22	14	23	14	22	14	26	14	27	13	28	14	27	14	26	14	28	14	28	14	21	13	26	14	21	14	24	14	26	14	23	14	26	22
23	14	19	14	18	14	17	13	15	11	16	9	17	16	11	11	22	11	25	10	27	11	36	10	33	10	28	10	27	10	27	11	30	10	24	9	26	8	30	8	30	8	28	8	27	7	26	7	22	23
24	7	25	7	25	7	26	7	22	7	20	7	17	7	19	7	20	7	18	7	11	7	13	7	10·5	10	8·5	10	11	10	7·5	10	11	10	13	12	10·5	12	10·5	13	14	14	17	14	17	14	18	14	19	24
25	14	19	14	21	14	19	14	22	15	20	15	21	15	23	15	21	14	23	15	16	16	15	24	11	26	5·5	25	8·5	26	20	25	18	25	21	26	17	22	8·5	23	12	22	10·5	22	9·5	23	9·5	23	7·5	25
26	22	9·5	21	7·5	21	10·5	21	4	21	6·5	21	8·5	21	6·5	21	12	21	11	22	12	24	15	23	16	22	18	24	16	24	15	25	16	23	12	22	13	22	13	22	9·5	22	11	21	13	21	17	21	21	26
27	22	16	22	16	22	21	23	22	23	20	22	19	25	35	25	37	25	36	25	37	26	41	24	34	25	30	25	31	25	29	25	20	25	10·5	24	18	24	13	23	7·5	23	11	24	8·5	24	12	24	13	27
28	24	11	23	10·5	24	13	24	10·5	24	4	24	3	24	2	24	4·5	24	7·5	24	8·5	24	9·5	24	6·5	24	6·5	25	3	27	4·5	27	2	27	3	27	4	27	4	27	4·5	27	4	27	4·5	27	4	27	4·5	28
29	27	4·5	27	4	27	4·5	27	5·5	27	6·5	27	5·5	27	4·5	27	6·5	27	4	27	7·5	6	7·5	7	8·5	9	8·5	10	10·5	9	11	10	9·5	10	11	10	10·5	10	11	10	13	10	13	10	11	10	12	10	13	29
30	9	15	8	19	8	18	9	22	8	20	7	28	7	31	7	29	6	29	6	25	6	27	6	22	2	16	31	15	3	20	3	17	2	12	32	9·5	30	10·5	30	9·5	28	11	28	9·5	28	7·5	28	9·5	30
31																																																	31

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	...	.	.	1
2	.	.	.	·015	·005	.	.	.	·1	.	.	.	.	.	.	.	.	.	.	·005	·025	·010	·005	·005	2
3	.	.	.	.	.	·020	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·005	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	·005	·090	·025	·035	·125	·065	·005	·025	·010	.	.	.	.	.	.	.	.	.	.	.	.	8
9	·005	.	·005	·090	·025	·035	·125	·065	·005	·025	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	·045	·030	·050	·025	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	·005	·005	.	.	.	.	.	.	.	·005	·005	·020	·210	·030	.	.	.	.	.	.	.	.	15
16	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	19
20	·010	.	.	.	·005	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·020	·020	·020	·010	·005	·005	22
23	·010	·005	.	.	.	·210	·175	·005	·005	·035	·130	·005	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	·045	·075	·050	·120	·150	·040	·090	·020	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	.	.	.	.	·005	.	28
29	·005	·005	.	.	·005	·005	.	·005	·005	.	.	.	.	.	.	·010	·040	·050	·050	·060	·050	·070	·080	·050	29
30	·050	·100	·070	·060	·030	·110	·090	·065	·070	·045	·040	.	.	·005	·005	.	.	.	.	.	.	.	.	.	30
31																									31

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	·383	·386	·384	·378	·377	·369	·380	·375	·368	·374	·372	·386	·368	·375	·356	·337	·340	·335	·333	·336	·327	·326	·339	·348	1
2	·385	·349	·360	·358	·363	·361	·363	·358	·372	·382	·380	·387	·418	·416	·393	·388	·388	·384	·380	·397	·424	·420	·436	·433	2
3	·449	·447	·448	·459	·466	·470	·458	·463	·451	·458	·462	·457	·444	·379	·435	·436	·353	·380	·397	·386	·390	·383	·365	·357	3
4	·353	·342	·342	·350	·319	·334	·371	·398	·428	·441	·456	·453	·463	·478	·480	·485	·491	·483	·481	·485	·487	·487	·476	·451	4
5	·444	·442	·449	·457	·457	·463	·464	·461	·467	·457	·453	·460	·471	·478	·475	·481	·472	·474	·472	·475	·482	·490	·484	·468	5
6	·448	·418	·394	·364	·339	·356	·354	·380	·439	·444	·449	·461	·475	·462	·463	·469	·430	·455	·463	·464	·472	·446	·450	·444	6
7	·448	·464	·434	·420	·419	·401	·397	·387	·387	·387	·383	·396	·401	·404	·409	·400	·384	·387	·386	·393	·386	·384	·379	·360	7
8	·397	·361	·385	·401	·408	·411	·416	·418	·425	·427	·426	·425	·435	·430	·434	·433	·438	·433	·437	·434	·436	·431	·426	·424	8
9	·448	·425	·429	·440	·437	·423	·424	·422	·430	·411	·367	·300	·297	·304	·286	·290	·292	·295	·294	·307	·303	·296	·298	·297	9
10	·273	·267	·271	·274	·276	·295	·315	·311	·318	·325	·331	·292	·349	·323	·348	·365	·361	·354	·340	·343	·342	·333	·310	·309	10
11	·346	·316	·323	·333	·344	·361	·373	·391	·410	·412	·438	·441	·436	·434	·425	·421	·429	·418	·426	·426	·403	·373	·356	·390	11
12	·403	·405	·397	·414	·345	·341	·318	·319	·319	·271	·268	·275	·288	·288	·273	·269	·302	·274	·286	·296	·290	·278	·283	·277	12
13	·355	·266	·277	·268	·281	·283	·303	·296	·303	·312	·320	·329	·347	·371	·309	·296	·309	·321	·325	·349	·346	·371	·380	·396	13
14	·414	·413	·430	·433	·330	·275	·316	·332	·358	·363	·329	·287	·300	·334	·356	·379	·357	·349	·331	·310	·301	·298	·311	·308	14
15	·392	·399	·416	·418	·413	·395	·388	·407	·397	·410	·424	·421	·417	·436	·333	·308	·328	·296	·256	·259	·249	·253	·273	·291	15
16	·282	·275	·268	·267	·263	·265	·243	·246	·246	·254	·*	†·242	·242	·234	·235	·244	·232	·236	·229	·224	·224	·224	·228	·230	16
17	·268	·266	·281	·307	·344	·357	·344	·337	·335	·341	·350	·356	·356	·366	·381	·396	·395	·407	·412	·379	·409	·397	·410	·425	17
18	·404	·363	·336	·269	·244	·251	·255	·244	·237	·240	·235	·234	·229	·232	·228	·243	·225	·224	·225	·223	·221	·224	·226	·220	18
19	·220	·222	·225	·239	·231	·233	·238	·227	·229	·229	·233	·227	·242	·236	·232	·242	·252	·259	·245	·241	·247	·287	·302	·312	19
20	·267	·270	·253	·262	·266	·233	·251	·245	·247	·251	·241	·242	·246	·237	·230	·232	·243	·241	·250	·247	·238	·233	·221	·224	20
21	·233	·244	·249	·242	·252	·256	·249	·266	·256	·242	·251	·244	·247	·263	·265	·273	·282	·289	·299	·299	·295	·297	·290	·270	21
22	·279	·277	·296	·301	·299	·296	·305	·313	·327	·311	·327	·327	·332	·337	·341	·330	·333	·352	·354	·362	·355	·362	·364	·356	22
23	·342	·346	·336	·318	·328	·358	·336	·366	·371	·376	·350	·364	·362	·366	·358	·361	·356	·371	·362	·358	·346	·339	·347	·347	23
24	·366	·364	·372	·369	·361	·353	·351	·358	·370	·375	·384	·383	·399	·396	·396	·392	·389	·388	·387	·384	·384	·378	·376	·371	24
25	·374	·374	·357	·352	·339	·348	·359	·365	·372	·377	·387	·357	·365	·357	·299	·275	·287	·268	·257	·242	·231	·225	·221	·220	25
26	·212	·219	·210	·216	·205	·203	·210	·213	·227	·226	·226	·232	...	·*	...	†·239	·244	·251	·245	·240	·234	·231	·227	·223	26
27	·228	·226	·231	·235	·233	·235	·237	·244	·248	·260	·266	·264	·270	·269	·271	·266	·265	·258	·257	·255	·247	·249	·242	·243	27
28	·241	·241	·237	·234	·240	·242	·244	·253	·250	·259	·262	·273	·278	·299	·289	·314	·324	·315	·331	·339	·330	·327	·327	·323	28
29	·316	·313	·316	·322	·297	·289	·281	·294	·286	·287	·288	·290	·288	·298	·302	·298	·307	·303	·298	·291	·289	·298	·294	·294	29
30	·309	·309	·288	·298	·293	·316	·284	·279	·286	·276	·289	·285	·287	·264	·262	·253	·241	·240	·220	·223	·218	·224	·222	·221	30
31																									31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N LONG 5° 4' W

HOURLY VALUES September 1878.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1
1	29·800	29·818	29·832	29·838	29·846	29·880	29·903	29·920	29·932	29·948	29·964	29·980	29·980
2	30·076	30·072	30·062	30·060	30·066	30·080	30·080	30·088	30·094	30·102	30·102	30·100	30·090
3	30·070	30·062	30·047	30·042	30·040	30·047	30·050	30·044	30·052	30·054	30·034	30·039	30·025
4	29·937	29·925	29·909	29·899	29·889	29·881	29·876	29·871	29·871	29·865	29·840	29·838	29·824
5	·752	·748	·741	·731	·728	·742	·746	·756	·762	·774	·798	·802	·796
6	·878	·873	·872	·879	·894	·912	·922	·930	·944	·952	·951	·951	·950
7	·946	·937	·925	·921	·915	·915	29·921	·915	29·921	·931	*	† ·926	*
8	. . .	. . .	. . .	*	. . .	. . .	. . .	† ·874	*	† ·876	. . .	*	. . .
9	. . .	. . .	. . .	*	. . .	. . .	. . .	29·908	*	† 29·921	29·933	29·935	29·935
10	29·967	29·969	29·967	29·973	29·973	29·993	30·005	30·019	30·027	30·030	30·033	30·032	30·032
11	30·049	30·041	30·035	30·029	30·027	30·029	30·032	30·035	30·043	30·049	30·053	·053	·050
12	·021	·011	·003	29·995	29·993	29·991	29·993	29·993	29·997	29·999	29·996	30·002	29·998
13	30·040	30·040	30·028	30·016	30·010	30·008	30·012	30·016	30·016	30·008	·999	29·986	·976
14	29·877	29·867	29·861	29·854	29·849	29·857	29·859	29·867	29·867	29·871	·869	·869	·859
15	·749	·734	·709	·681	·681	·659	·655	·637	·631	·605	·579	·554	·521
16	·565	·589	·605	·639	·657	·695	·725	·757	·779	·807	·831	·865	·877
17	·961	·955	·945	·939	·931	·919	·925	·925	·921	·915	·909	·887	·879
18	·616	·597	·567	·546	·539	·550	·554	·562	·589	·614	·632	·645	·657
19	·783	·785	·779	·777	·782	·785	·803	·805	·815	·819	† ·806	·801	·787
20	·658	·667	·677	·685	·699	·713	·735	·753	29·772	29·790	29·806	·821	·839
21	·982	·979	·980	·976	·976	·981	·988	·996	30·003	30·004	30·005	·998	·988
22	·814	·776	·746	·706	·668	·640	·610	·582	29·558	29·534	29·508	·471	·448
23	·338	·320	·306	·294	·294	·308	·320	·328	·334	·348	·363	·370	·366
24	·316	·306	·306	·316	·345	·366	·392	·426	·452	·476	·496	·510	·518
25	·610	·578	·566	·554	·530	·516	·516	·504	·506	·500	·502	·491	·492
26	·689	·694	·708	·724	·738	·760	·779	·802	·814	·834	·853	·856	·856
27	·934	·920	·906	·910	·910	·922	·928	·938	·948	·948	·958	·957	·952
28	·954	·940	·940	·936	·932	·934	·936	·942	·948	·946	·938	·937	·927
29	·846	·827	·812	·812	·804	·800	·798	·800	·796	·780	·773	·755	·735
30	29·585	29·579	29·589	29·609	29·623	29·647	29·667	29·677	29·693	29·713	29·721	29·731	29·733
31													

DAYS	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·994	29·999	30·006	30·014	30·022	30·036	30·054	30·062	30·072	30·070	30·072	1
2	30·084	30·074	30·078	30·070	30·064	30·068	30·082	30·086	30·078	30·074	30·076	2
3	30·019	29·994	29·983	29·981	29·975	29·971	29·975	29·967	29·955	29·947	29·943	3
4	29·818	·808	·802	·794	·800	·804	·796	·781	·764	·762	·764	4
5	·796	·802	·808	·816	·832	·838	·852	·862	·866	·878	·878	5
6	·951	·953	·957	·950	·951	·953	·961	·961	·963	·957	·951	6
7	† ·902	*	† ·870	*	† ·863	. . .	*	. . .	† ·872	*	*	7
8	† ·870	. . .	*	. . .	† ·884	. . .	*	. . .	† ·893	*	*	8
9	29·932	29·932	29·935	29·942	29·945	29·951	29·965	29·973	29·969	29·973	29·969	9
10	30·037	30·035	30·029	30·025	30·032	30·042	30·052	30·055	30·057	30·053	30·047	10
11	30·031	30·025	30·021	30·017	30·015	·021	·030	·037	·031	·027	·027	11
12	29·988	29·983	29·986	29·992	29·996	30·008	30·033	30·030	30·040	30·038	30·040	12
13	·957	·947	·939	·927	·911	29·909	29·907	29·913	29·909	29·901	29·887	13
14	·855	·841	·831	·821	·819	·815	·821	·823	·807	·789	·775	14
15	·492	·457	·434	·411	·399	·414	·447	·471	·492	·605	·539	15
16	·905	·904	·911	·925	·937	·954	·974	·971	·977	·979	·975	16
17	·856	·840	·829	·810	·798	·782	·766	·739	·714	·676	·640	17
18	·665	·677	·692	·705	·717	·723	·753	·763	·773	·782	·777	18
19	·775	·747	·729	·710	·692	·671	·661	·643	·649	·649	·662	19
20	·868	·867	·879	·904	·920	·944	·960	·977	·987	·987	·984	20
21	·978	·955	·941	·934	·920	·908	·898	·891	·872	·862	·842	21
22	·402	·393	·388	·394	·392	·392	·398	·398	·390	·370	·354	22
23	·362	·362	·360	·362	·358	·352	·347	·350	·345	·332	·328	23
24	·536	·542	·562	·581	·600	·611	·614	·624	·624	·621	·614	24
25	·489	·486	·486	·496	·517	·558	·586	·606	·630	·652	·672	25
26	·872	·874	·876	·891	·894	·904	·914	·918	·918	·926	·926	26
27	·948	·946	·946	·952	·956	·962	·974	·974	·966	·962	·960	27
28	·910	·895	·890	·886	·882	·887	·884	·884	·879	·864	·850	28
29	·715	·697	·687	·671	·651	·647	·631	·625	·609	·590	·573	29
30	29·735	29·741	29·750	29·750	29·743	29·747	29·742	29·726	29·700	29·677	29·663	30
31												31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	59·2	58·4	58·7	57·9	56·6	56·4	58·3	59·4	60·6	61·0	62·0	61·9	61·8	62·2	61·3	62·4	61·2	60·4	59·7	58·0	56·0	55·7	54·6	55·3
2	57·0	57·1	56·3	. . .	*	. . .	57·6	59·7	62·6	62·4	64·0	64·0	65·9	66·3	64·0	64·9	63·9	63·0	59·3	58·4	58·3	57·7	57·5	
3	58·1	58·2	58·0	57·7	56·7	55·6	56·7	60·4	61·7	63·4	63·6	63·7	63·7	63·2	63·4	62·5	62·6	61·8	61·0	60·3	60·0	59·4	59·3	59·6
4	60·0	59·6	60·0	59·9	59·5	59·8	60·0	61·0	62·0	62·4	63·0	63·3	63·5	63·8	63·8	63·6	63·5	62·8	62·4	62·0	62·2	61·9	62·0	61·7
5	61·5	61·3	61·0	60·3	60·2	60·2	61·0	62·3	63·5	64·0	66·7	66·5	67·0	66·8	68·0	67·5	65·5	65·0	63·4	61·5	60·9	60·4	61·0	60·4
6	60·0	59·5	59·6	59·9	61·0	61·4	61·9	63·2	65·0	65·9	67·7	68·3	68·0	68·9	68·8	67·0	66·4	64·9	62·7	61·9	61·0	60·6	60·3	59·1
7	59·5	60·0	61·0	61·6	61·5	61·6	62·0	62·0	65·0	62·1	62·4	61·9	61·9	62·6	62·6	62·4	62·2	62·0	61·9	60·3	60·5	60·7	60·3	60·0
8	58·8	57·4	56·7	55·4	55·4	55·0	56·7	*	*	63·3	64·7	66·7	67·2	67·8	67·2	66·2	65·0	63·6	61·2	60·2	59·9	59·3	58·7	58·7
9	59·0	58·0	58·3	58·2	57·0	57·4	58·7	60·9	63·0	64·5	65·7	66·4	66·6	66·4	66·2	65·6	64·5	63·2	62·4	62·5	62·7	62·9	62·7	62·4
10	61·4	61·9	62·2	62·4	61·4	60·5	60·7	62·0	63·4	64·7	65·3	65·6	65·7	64·9	64·2	64·0	63·7	63·0	62·2	61·6	60·9	60·5	59·5	59·7
11	60·0	60·2	60·9	61·0	60·9	60·8	61·2	62·0	63·1	63·7	65·8	65·2	65·4	64·9	64·4	63·8	63·7	63·4	61·9	60·5	60·8	59·5	58·1	58·9
12	58·2	59·4	59·7	59·9	60·3	60·4	60·8	62·0	63·7	63·7	65·7	65·6	65·3	62·0	62·5	61·5	60·7	59·7	57·5	56·3	55·4	55·3	54·6	54·0
13	53·4	52·0	52·9	52·5	52·7	52·9	54·0	56·6	59·3	60·9	61·7	61·5	62·6	62·5	62·9	61·9	61·2	60·0	57·0	55·0	54·1	55·1	55·6	56·0
14	56·0	56·5	56·7	55·4	55·2	55·0	55·5	58·7	61·3	63·9	64·1	65·7	67·0	65·8	65·0	64·6	62·7	61·4	60·7	60·0	59·4	59·3	59·4	58·7
15	57·9	57·6	57·0	58·2	57·9	57·7	59·0	61·0	62·7	63·9	63·7	63·4	64·5	63·4	63·0	61·2	61·5	61·5	61·3	60·3	58·7	57·9	57·4	55·7
16	54·4	54·4	55·0	54·4	55·3	55·2	55·7	55·5	58·7	60·0	60·4	60·6	61·7	60·9	61·0	59·8	59·9	58·2	56·8	56·1	55·5	56·2	55·7	55·7
17	56·3	57·3	58·2	58·3	58·3	57·9	59·1	60·1	61·3	62·0	63·3	64·1	64·3	63·0	63·0	62·4	61·3	61·0	60·7	60·7	60·9	61·0	61·4	61·7
18	61·7	61·7	61·3	61·5	61·4	60·1	59·7	58·7	58·7	56·9	58·0	58·7	59·3	59·4	58·5	57·9	57·4	55·5	54·7	53·7	53·7	53·6	53·0	52·0
19	52·0	51·5	51·7	52·0	51·8	51·5	51·6	53·7	56·6	58·2	*	† 60·1	*	58·6	58·4	57·9	57·3	56·2	56·0	55·8	53·9	54·3	53·0	53·0
20	53·5	51·6	50·0	50·5	50·1	50·9	52·2	53·7	54·9	56·6	56·9	57·5	57·9	57·2	57·0	56·3	55·1	54·7	53·9	53·0	52·0	51·9	52·7	
21	51·6	52·0	51·9	51·6	50·2	49·5	49·6	52·9	56·2	58·0	60·0	59·7	60·7	59·6	59·0	58·8	57·9	56·2	55·0	54·9	55·4	55·7	56·2	56·0
22	56·0	56·0	56·0	56·3	56·9	57·2	57·4	57·9	58·0	56·0	55·4	55·6	53·8	55·4	58·6	58·3	55·9	54·3	53·9	53·0	51·5	51·6	51·6	51·6
23	51·1	50·4	50·0	50·6	50·3	50·4	50·5	51·5	54·1	55·3	55·4	54·8	54·9	54·8	53·7	52·7	52·3	51·6	50·8	50·0	49·9	50·3	49·8	50·0
24	49·6	48·8	51·0	49·9	49·6	48·8	49·6	52·1	55·8	55·8	56·3	56·2	57·3	57·9	58·0	57·0	56·2	54·6	53·8	52·5	52·7	53·0	51·9	52·1
25	53·3	52·9	53·2	53·3	54·0	54·9	56·6	57·4	57·4	58·4	59·0	60·7	60·8	59·6	60·0	61·0	59·6	58·7	56·2	55·9	54·5	54·6	54·2	54·7
26	52·5	51·0	50·7	50·3	49·2	50·0	51·0	52·0	55·2	56·4	58·0	57·8	58·0	57·5	58·1	57·5	56·6	55·8	54·9	54·4	54·1	53·9	54·0	54·4
27	54·0	53·4	52·8	51·7	52·3	53·7	54·8	56·7	58·0	60·2	60·2	60·5	60·7	61·6	61·4	61·3	60·9	59·7	59·3	58·7	58·7	58·2	57·7	57·6
28	58·0	58·4	58·3	58·0	58·0	57·3	57·6	58·0	60·0	60·1	60·5	60·6	62·0	64·0	63·4	62·0	61·4	60·2	59·2	58·6	57·0	56·3	56·2	56·7
29	56·5	56·3	55·9	55·2	55·7	56·0	56·4	57·5	58·9	59·7	60·0	60·6	60·9	60·6	60·0	59·7	59·4	58·9	58·7	58·7	59·0	58·8	59·4	58·4
30	58·0	56·7	56·7	55·4	55·3	55·1	55·5	56·4	57·9	58·7	59·7	60·3	61·0	61·4	60·9	60·0	58·9	56·3	56·3	56·5	55·4	54·7	56·4	55·0
31																								

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	56·7	56·0	56·1	54·2	53·1	53·7	55·0	55·4	56·0	56·0	56·6	56·8	56·3	56·6	56·0	56·7	55·5	55·5	55·4	55·0	53·4	53·3	52·7	53·4
2	58·7	58·7	53·4	. . .	*	. . .	54·7	56·6	58·5	57·5	58·3	57·0	59·0	59·2	59·7	59·1	59·4	58·4	57·5	56·7	56·6	56·5	56·3	56·3
3	56·7	56·7	56·8	56·5	55·2	53·7	55·4	57·5	58·6	59·9	60·0	59·8	60·2	59·0	58·8	57·7	57·9	57·3	57·5	57·3	56·8	56·6	56·5	57·0
4	57·7	57·2	57·4	57·8	57·7	58·0	58·9	59·3	60·0	60·2	60·4	60·5	60·4	60·1	60·4	60·1	59·5	59·4	59·5	59·6	59·5	59·3	59·6	59·8
5	60·0	60·3	60·1	59·7	59·4	59·6	59·9	60·7	61·2	61·5	63·2	63·0	63·4	63·2	64·0	62·8	61·9	61·7	61·0	59·5	59·3	58·9	59·0	59·0
6	58·5	57·7	58·9	58·7	59·8	60·3	60·6	61·6	61·9	62·0	62·4	62·8	63·4	62·8	63·0	62·1	61·7	61·0	60·3	60·0	60·0	59·9	59·4	58·4
7	58·7	59·2	60·0	60·6	60·6	60·6	60·7	60·7	60·1	60·1	60·4	60·2	60·5	60·5	60·5	60·4	60·4	60·3	60·6	59·2	59·2	59·6	59·4	58·5
8	58·2	56·5	56·0	54·6	54·6	54·0	55·5	*	*	60·7	60·3	61·2	61·5	61·5	62·0	60·4	60·8	60·0	59·0	58·5	58·2	57·9	57·3	57·4
9	57·8	56·7	56·7	56·3	55·3	55·3	56·5	58·0	60·0	59·7	59·4	60·0	60·0	60·4	61·0	60·9	61·1	61·2	61·0	61·0	61·4	61·3	61·0	60·6
10	60·4	60·3	60·4	60·2	60·3	59·6	59·3	57·6	57·7	59·1	61·0	61·6	60·9	60·4	60·5	60·7	61·0	60·6	60·3	60·0	59·6	59·4	58·4	58·5
11	59·3	59·3	59·4	58·9	59·1	59·0	59·4	59·3	60·3	60·6	62·0	61·6	61·9	61·6	61·4	60·8	60·7	60·5	60·0	59·0	59·3	58·3	57·2	57·4
12	57·0	57·9	58·5	58·4	58·2	58·0	58·4	59·7	60·5	60·0	61·4	61·3	61·4	58·3	57·4	56·0	54·5	55·3	54·7	54·0	53·0	52·1	51·4	50·7
13	50·0	49·4	50·2	50·2	50·0	50·1	51·2	53·2	54·3	55·3	55·9	56·0	55·4	54·3	55·4	54·5	54·6	54·2	53·3	51·5	51·3	52·0	51·6	51·4
14	51·6	52·6	52·4	51·3	51·2	51·4	51·8	54·8	55·6	57·0	58·0	59·3	60·4	. . .	*	*	. . .	58·0	56·3	55·3	53·9	53·8	54·1	54·1
15	53·5	53·6	53·4	54·0	53·7	54·3	55·6	57·5	57·4	58·6	58·9	58·9	59·4	59·0	59·4	59·8	60·7	61·0	60·4	58·1	55·7	53·7	52·3	51·5
16	51·4	50·5	50·5	50·2	51·0	51·4	51·4	52·3	51·6	53·6	*	† 56·7	*	† 58·1	*	*	53·5	53·0	53·1	53·0	52·5	53·3	53·3	53·4
17	53·7	54·7	55·0	55·0	55·4	55·6	55·8	57·3	58·0	58·6	59·8	60·2	61·0	60·4	60·8	60·4	59·5	59·4	59·7	60·0	60·3	60·5	61·0	61·3
18	61·4	61·4	61·3	61·3	61·3	59·3	58·9	57·4	57·3	55·4	55·4	55·4	51·4	52·5	52·0	52·0	51·0	50·7	49·9	49·9	49·4	48·9	48·6	47·5
19	48·7	49·2	48·9	48·5	49·3	49·6	50·9	52·7	52·7	52·7	*	† 54·3	*	55·6	55·7	55·9	54·6	54·4	54·8	54·4	52·3	52·9	52·7	51·2
20	51·8	47·7	46·4	46·4	47·0	47·7	48·9	49·9	50·7	52·0	51·7	51·0	52·4	52·3	53·1	51·7	51·2	50·6	50·2	49·4	50·0	48·9	48·8	49·8
21	48·7	48·7	48·7	47·6	46·9	45·6	45·5	48·8	50·0	51·0	52·3	52·4	53·1	52·2	52·2	51·5	51·5	50·6	50·5	50·1	50·8	51·3	51·5	50·7
22	51·6	51·4	52·1	53·2	54·6	54·0	54·6	55·0	54·8	54·8	54·8	54·5	52·6	54·4	54·1	54·3	52·8	51·1	51·1	50·5	48·7	49·3	49·5	49·3
23	49·3	48·7	48·2	48·3	48·3	48·1	48·0	48·3	49·3	49·4	49·0	49·0	49·4	49·0	49·1	49·0	49·1	49·0	48·6	47·7	47·7	48·9	48·1	48·2
24	47·8	47·0	46·8	48·7	47·9	47·7	48·2	50·4	52·3	52·6	52·3	50·9	51·7	51·4	52·0	52·2	51·9	51·9	51·1	50·2	50·0	50·3	49·9	50·9
25	52·0	52·1	52·7	52·5	53·6	54·5	55·9	56·6	56·7	56·9	57·4	57·6	58·7	58·7	58·8	59·3	59·3	58·7	57·7	55·6	55·7	55·2	51·7	50·6
26	48·9	47·7	47·5	47·0	45·8	46·4	47·8	48·7	50·4	50·0	51·0	50·5	50·7	51·0	51·0	51·5	51·8	51·4	51·1	49·7	49·5	49·9	50·1	49·9
27	50·1	49·9	49·4	49·0	49·0	51·1	52·5	54·1	55·3	56·5	56·6	57·3	58·2	59·4	59·6	59·5	59·3	57·9	57·8	57·8	57·0	57·1	56·7	56·9
28	57·3	57·5	57·6	57·3	57·1	56·3	56·6	57·2	58·4	58·4	58·9	59·0	59·7	60·4	60·5	59·6	58·9	58·2	57·7	57·4	56·3	55·7	55·6	55·5
29	56·0	55·8	55·4	54·6	54·8	55·0	55·5	56·0	56·5	56·9	57·2	57·6	57·7	58·4	57·9	57·7	57·5	57·5	57·5	57·7	57·7	58·7	57·4	
30	56·5	54·9	54·6	53·0	52·7	52·4	52·4	52·7	53·5	53·6	54·5	54·5	55·0	55·4	55·7	54·8	55·5	54·6	54·9	55·3	53·7	53·8	55·5	52·6
31																								

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50°9' N. LONG: 5°4' W.

HOURLY VALUES September 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	28	12	27	12	27	10·5	28	12	28	10·5	28	8·5	28	6·5	29	12	28	15	29	18	27	15	28	13	29	13	28	12	26	14	28	13	28	11	27	5·5	27	7·5	27	7·5	27	7·5	27	5·5	27	4·5	1
2	27	4·5	27	4·5	24	7·5	22	7·5	22	7·5	22	7·5	22	6·5	18	7·5	17	10·5	17	9·5	18	11	19	13	19	11	17	12	16	13	17	9·5	16	10·5	19	9·5	19	9·5	19	7·5	19	10·5	17	10·5	17	7·5	17	11	2
3	17	9·5	17	10·5	17	10·5	17	8·5	17	5·5	17	4	17	3	17	4	17	5·5	15	10·5	14	10·5	12	11	14	14	12	12	10·5	11	10·5	11	8·5	11	7·5	9	8·5	9	7·5	9	7·5	9	6·5	9	10·5	8	14	3
4	9	11	10	9·5	10	5·5	10	6·5	10	7·5	7	9·5	7	14	7	17	7	19	8	17	7	22	7	19	8	20	7	18	8	19	8	17	8	14	8	15	8	15	8	18	8	21	8	19	8	13	8	9·5	4
5	8	6·5	8	5·5	8	5·5	8	4·5	2	6·5	2	4	2	4	2	4	2	5·5	7	4·5	6	5·5	6	4·5	10	5·5	10	5·5	10	4	30	10·5	28	11	27	9·5	27	7·5	27	9·5	27	7·5	27	5·5	27	8·5	27	6·5	5
6	27	11	26	8·5	25	8·5	25	7·5	25	7·5	25	4	25	4·5	25	7·5	23	10·5	22	12	20	12	20	12	20	16	21	17	21	15	21	13	21	12	23	9·5	23	5·5	23	5·5	23	3	23	2	23	3	23	7·5	6
7	23	7·5	23	5·5	18	6·5	18	7·5	18	9·5	18	8·5	17	11	17	14	17	12	15	16	15	12	15	9·5	13	12	13	11	13	13	13	13	13	12	13	9·5	18	7·5	18	4·5	18	4	18	3	18	3	18	3	7
8	19	3	19	5·5	19	5·5	19	4	19	4·5	19	6·5	19	4·5	19	4	26	7·5	27	7·5	26	8·5	26	9·5	28	10·5	27	11	28	13	27	13	28	10·5	27	8·5	27	9·5	27	12	27	9·5	27	8·5	27	8·5	27	7·5	8
9	26	6·5	26	8·5	26	8·5	26	11	23	10·5	23	13	23	12	23	11	23	10·5	24	16	25	19	25	18	26	17	25	17	25	15	25	14	25	10·5	25	10·5	25	9·5	25	7·5	25	6·5	25	6·5	25	5·5	25	8·5	9
10	26	6·5	26	6·5	29	4·5	29	4	29	5·5	29	7·5	29	4·5	29	6·5	2	7·5	4	7·5	10	9·5	10	11	10	13	11	11	11	10·5	11	8·5	11	6·5	11	4·5	11	4·5	11	4	11	3	11	2	11	3	11	2	10
11	11	4	11	6·5	11	7·5	11	7·5	11	7·5	11	7·5	11	7·6	11	11	11	7·5	10	8·5	11	10·5	11	11	11	14	11	8·5	11	8·5	11	6·5	11	4·5	11	4	11	4	11	2	11	2	11	2	11	4·5	11	4·5	11
12	11	4	11	4	11	3	11	4·5	11	3	11	4	11	7·5	11	10·5	26	13	26	16	26	19	27	21	28	24	31	20	31	21	30	26	30	25	30	25	32	18	32	15	32	9·5	32	9·5	32	5·5	25	8·5	12
13	25	5·5	29	5·5	29	6·5	29	4	29	2	29	2	29	3	29	2	29	3	27	5·5	26	5·5	14	7·5	27	10·5	29	12	27	13	28	12	27	9·5	27	6·5	27	4·5	27	7·5	27	7·5	27	10·5	26	7·5	13
14	23	8·5	24	9·5	24	9·5	24	11	24	11	24	10·5	24	10·5	24	9·5	23	11	25	11	22	11	22	13	22	14	21	16	21	15	21	13	21	12	21	7	21	8	21	9	21	7	18	8	18	10	18	15	14
15	18	13	18	13	18	12	18	13	18	12	18	14	18	16	19	18	19	24	19	27	19	36	19	35	19	40	19	37	19	37	19	37	20	39	21	37	23	27	24	23	25	25	25	27	25	25	25	22	15
16	25	24	25	21	25	21	23	21	25	19	25	19	25	21	26	24	26	27	26	29	26	32	26	28	26	29	26	29	25	28	26	27	25	24	25	16	25	9·5	25	10·5	24	11	24	12	22	12	22	12	16
17	22	11	23	11	23	13	22	15	23	16	23	16	23	15	22	19	22	22	22	24	22	26	22	25	21	28	20	29	21	28	22	24	22	23	21	21	20	24	20	26	20	25	20	29	20	29	20	31	17
18	20	35	20	32	20	32	21	29	23	21	26	17	25	15	26	18	27	14	28	20	27	19	26	25	26	25	26	26	26	26	26	24	25	22	25	21	26	19	26	19	26	19	24	19	26	19	26	15	18
19	26	16	24	17	24	17	24	15	24	14	24	15	24	14	25	13	25	16	24	23	23	25	23	23	21	24	22	18	21	21	22	4·	22	4·	22	15	24	17	26	17	24	16	24	13	29	14	28	12	19
20	29	18	29	24	29	14	28	15	28	13	28	14	28	15	29	19	30	23	29	24	29	33	30	29	30	29	30	27	30	27	31	28	30	26	30	17	31	18	31	11	31	7·5	31	8·5	31	6·5	31	6·5	20
21	31	7·5	29	7·5	29	9·5	27	10·5	27	9·5	27	6·5	27	6·5	27	4	24	5·5	24	4·	20	8·5	14	11	15	13	16	14	16	13	17	12	17	11	17	9·5	17	9·5	18	11	18	14	17	15	17	17	17	18	21
22	17	21	17	21	17	18	17	25	16	29	16	32	16	33	16	36	17	35	17	31	18	32	16	21	17	10·5	14	4	24	22	25	23	28	13	27	9·5	27	9·5	27	9·5	26	11	26	9·5	25	8·5	25	11	22
23	24	11	24	10·5	24	9·5	27	7·5	28	6·5	28	5·5	28	7·5	30	10·5	30	18	29	20	28	26	28	21	28	21	27	18	27	20	27	16	26	12	26	12	27	11	27	10·5	27	11	27	11	25	10·5	24	11	23
24	24	10·5	24	8·5	24	6·5	24	4·5	29	9·5	30	8·5	29	11	29	10·5	32	15	32	14	1	15	1	15	30	15	30	15	30	16	30	16	30	11	30	8·5	29	8·5	29	7·5	29	9·5	29	8·5	25	8·5	24	11	24
25	24	10·5	24	6·5	23	9·5	21	14	20	15	21	19	23	14	24	15	25	15	24	14	23	19	23	22	22	28	22	21	23	22	25	20	26	19	28	19	31	17	31	16	30	11	30	7·5	30	11	30	9·5	25
26	30	9·5	30	7·5	30	8·5	30	8·5	30	9·5	30	7·5	30	7·5	30	6·5	30	4	27	8·5	26	8·5	27	9·5	27	10·5	27	12	29	10·5	26	8·5	26	6·5	26	6·5	26	6·5	26	8·5	22	9·5	22	8·5	22	9·5	23	10·5	26
27	23	11	23	11	23	9·5	23	7·5	23	5·5	23	4	23	4	23	9·5	23	16	22	22	21	20	22	19	21	17	24	18	23	14	23	11	24	9·5	25	8·5	25	7·5	25	5·5	25	7·5	25	4·5	25	5·5	25	4	27
28	25	6·5	22	6·5	22	6·5	22	6·5	22	4·5	22	4·5	22	4	22	4·5	22	4·5	22	4	22	4	22	5·5	22	8·5	20	8·5	18	8·5	23	12	23	6·5	23	3	23	2	23	3	23	2	23	4	23	4	23	3	28
29	13	6·5	11	8·5	11	10·5	12	11	11	11	11	12	11	14	11	15	11	18	10	19	11	24	11	24	11	22	10	23	11	21	11	20	11	19	11	21	13	19	13	18	15	11	17	8·5	18	13	22	21	29
30	24	19	24	18	26	21	26	16	26	15	26	16	26	19	26	21	26	28	26	25	25	32	26	26	26	29	26	27	25	27	25	20	24	11	24	13	24	10·5	24	9·5	22	6·5	22	5·5	22	10·5	4	23	30
31																																																	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.005	.	.005	.	.	.	.	.	.	.	.010	.	.	.	.	.	.010	.060	.020	.	.005	.	7
8	.	.005	.	.005	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.020	.085	.060	.	.005	15
16	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.060	.005	17
18	.005	.005	.040	.150	.130	.090	.060	.050	.040	.030	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.....	Total to 10 a.m. = .280	.	.	.	.	.	.	.	.	.	.	.075	.075	.	.	.050	.010	.090	.	.	.010	19
20	.020	.030	.005	.	.	.	.	.	.005	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Instrument under repair	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
22	Total for 24 hours ending 10 a.m. .160	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.550	.....	.350	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.005	.015	.	.	.020	.005	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.010	.015	.	.005	.015	.030	.030	.	.020	.	.	.	.	.020	.020	.	.	.	.005	.005	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.005	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.010	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.090	.175	.360	30
31																									31
	.115	.035	.065	.060	.165	.150	.120	.090	.065	.065	.045	.005	—	.015	.020	.095	.085	.020	.090	.140	.075	.155	.175	.190	.475	

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.415	.414	.373	.360	.377	.389	.386	.388	.383	.388	.395	.382	.386	.380	.386	.369	.378	.383	.392	.375	.376	.372	.353		1
2	.368	.371	...	··	...	.390	.416	.434	.409	.411	.376	.407	.409	.452	.427	.444	.426	.426	.423	.433	.432	.434	.437		2
3	.439	.445	.440	.415	.388	.421	.433	.448	.466	.466	.459	.471	.441	.432	.413	.416	.409	.425	.428	.417	.419	.418	.428		3
4	.434	.435	.448	.451	.456	.482	.480	.487	.488	.487	.486	.480	.467	.476	.469	.453	.468	.467	.475	.469	.466	.476	.486		4
5	.508	.506	.503	.495	.502	.500	.506	.506	.509	.526	.522	.529	.525	.534	.502	.500	.500	.500	.480	.481	.476	.470	.479		5
6	.451	.486	.477	.496	.507	.509	.523	.507	.497	.486	.490	.514	.482	.489	.486	.481	.479	.488	.489	.503	.503	.494	.479		6
7	.492	.503	.513	.515	.513	.510	.510	.490	.489	.495	.496	.506	.493	.496	.495	.497	.497	.509	.487	.485	.495	.493	.469		7
8	.449	.439	.416	.416	.403	.424	··	··	.492	.460	.474	.466	.458	.480	.444	.472	.466	.466	.466	.461	.460	.450	.453		8
9	.442	.438	.427	.414	.409	.426	.440	.474	.445	.421	.430	.428	.442	.462	.467	.488	.510	.514	.513	.524	.518	.510	.501		9
10	.499	.497	.488	.507	.498	.485	.416	.402	.425	.474	.489	.465	.460	.474	.483	.496	.493	.494	.496	.492	.491	.473	.474		10
11	.493	.485	.467	.476	.473	.480	.465	.483	.484	.499	.494	.501	.499	.499	.489	.487	.485	.489	.478	.483	.470	.456	.450		11
12	.468	.474	.467	.455	.447	.454	.478	.481	.465	.481	.480	.487	.436	.404	.378	.349	.380	.391	.387	.371	.349	.339	.327		12
13	.320	.328	.334	.326	.326	.339	.362	.359	.367	.373	.378	.351	.326	.348	.336	.346	.349	.359	.337	.341	.348	.334	.326		13
14	.348	.341	.329	.328	.335	.340	.374	.370	.377	.402	.418	.436	...	··	··	...	.434	.395	.377	.348	.346	.353	.361		14
15	.361	.361	.364	.361	.378	.396	.425	.402	.421	.432	.435	.437	.438	.455	.493	.619	.529	.512	.452	.403	.361	.330	.331		15
16	.319	.314	.312	.323	.333	.331	.353	.303	.333	··	.407	··	.443	··	··	.334	.340	.357	.364	.358	.370	.376	.378		16
17	.393	.390	.389	.400	.411	.429	.431	.435	.444	.464	.466	.488	.487	.500	.495	.482	.483	.498	.508	.515	.520	.530	.536		17
18	.630	.643	.540	.541	.493	.487	.453	.450	.418	.404	.296	.316	.304	.313	.310	.295	.297	.302	.300	.289	.284	.265	.277		18
19	.322	.312	.299	.326	.325	.330	.336	.351	.333	··	.351	··	.401	.407	.449	.391	.399	.413	.405	.370	.381	.376	.352		19
20	.285	.279	.266	.285	.293	.306	.312	.319	.317	.325	.306	.333	.349	.352	.320	.318	.315	.310	.298	.322	.308	.306	.321		20
21	.303	.304	.285	.282	.263	.259	.296	.293	.296	.306	.311	.316	.307	.312	.302	.308	.310	.314	.305	.317	.326	.326	.310		21
22	.326	.343	.366	.395	.375	.390	.394	.388	.413	.421	.410	.380	.410	.362	.371	.361	.334	.338	.335	.310	.323	.328	.323		22
23	.323	.314	.310	.314	.308	.304	.300	.294	.287	.278	.282	.290	.282	.293	.303	.309	.315	.315	.302	.303	.329	.315	.314		23
24	.300	.318	.328	.312	.317	.319	.344	.350	.357	.344	.312	.317	.306	.318	.332	.335	.351	.340	.334	.326	.330	.334	.344		24
25	.378	.391	.384	.406	.420	.437	.450	.466	.467	.455	.468	.464	.485	.495	.480	.478	.463	.434	.384	.345	.347	.321	.302		25
26	.292	.291	.283	.270	.273	.294	.303	.309	.290	.296	.289	.290	.298	.295	.312	.327	.328	.328	.299	.298	.309	.312	.305		26
27	.315	.314	.314	.329	.341	.364	.384	.401	.407	.409	.426	.449	.474	.484	.482	.481	.454	.457	.466	.441	.451	.446	.454		27
28	.461	.465	.460	.454	.439	.445	.457	.466	.465	.475	.476	.478	.473	.485	.475	.461	.466	.455	.454	.443	.436	.434	.431		28
29	.438	.432	.418	.417	.419	.428	.428	.423	.424	.429	.433	.431	.457	.450	.454	.452	.454	.457	.457	.458	.461	.484	.457		29
30	.406	.398	.371	.364	.358	.355	.352	.356	.348	.360	.364	.368	.364	.377	.364	.395	.403	.411	.421	.390	.403	.428	.391		30
31																									31

Meteorological Office
116 Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

* Record defective * Instrument out of action * Obtained from reading of Standard. * * Approximate

STONYHURST OBSERVATORY LAT. 53°51' N LONG 2°28' W — HOURLY VALUES *September* 1878.

BAROMETER. CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.458	29.474	29.482	29.494	29.524	29.546	29.568	29.588	29.614	29.624	29.635	29.651	29.659	29.682	29.693	29.709	29.719	29.731	29.749	29.771	29.781	29.787	29.799	29.806	1
2	.803	.807	.811	.811	.815	.824	.828	.839	.836	.845	.851	.845	.847	.823	.811	.805	.799	.797	.793	.797	.797	.787	.783	.779	2
3	.777	.771	.759	.757	.755	.757	.757	.761	.769	.775	.783	.782	.775	.777	.773	.773	.769	.775	.779	.791	.789	.789	.793	.787	3
4	.783	.781	.781	.770	.769	.773	.777	.782	.777	.777	.767	.756	.750	.738	.724	.714	.720	.710	.716	.722	.718	.718	.712	.704	4
5	.696	.678	.658	.646	.642	.658	.658	.654	.656	.652	.643	.635	.611	.599	.593	.593	.589	.589	.595	.601	.611	.611	.609	.607	5
6	.605	.613	.611	.615	.633	.647	.659	.667	.671	.675	.676	.678	.682	.674	.674	.684	.688	.690	.704	.712	.712	.708	.704	.706	6
7	.712	.708	.700	.708	.708	.712	.722	.726	.742	.734	.736	.734	.734	.732	.720	.718	.711	.704	.708	.712	.708	.706	.704	.700	7
8	.696	.682	.676	.672	.665	.664	.664	.662	.664	.660	.650	.646	.634	.624	.610	.610	.608	.622	.624	.628	.622	.623	.626	.618	8
9	.613	.604	.588	.576	.568	.576	.574	.558	.568	.570	.583	.595	.593	.599	.615	.640	.660	.666	.711	.715	.725	.740	.750	.763	9
10	.771	.783	.785	.795	.805	.817	.831	.840	.841	.845	.848	.845	.846	.846	.844	.844	.836	.849	.854	.862	.869	.868	.868	.868	10
11	.866	.858	.848	.842	.840	.846	.852	.852	.846	.844	.840	.830	.820	.812	.806	.796	.794	.794	.798	.800	.792	.779	.764	.747	11
12	.734	.720	.692	.672	.644	.636	.606	.604	.626	.644	.668	.696	.708	.714	.716	.722	.732	.746	.756	.772	.774	.780	.792	.793	12
13	.782	.776	.704	.753	.746	.740	.742	.748	.738	.734	.725	.722	.711	.693	.673	.666	.655	.645	.635	.631	.623	.609	.589	.581	13
14	.563	.553	.551	.529	.523	.529	.529	.543	.549	.553	.560	.564	.560	29.554	29.552	29.548	29.536	29.534	29.530	29.532	29.512	29.494	29.480	29.460	14
15	29.442	29.418	29.382	29.356	.326	.302	.266	.230	.200	.162	.129	.073	.011	28.935	28.877	28.835	28.853	28.853	28.885	28.913	28.933	28.953	28.955	28.959	15
16	28.971	28.977	28.977	28.983	.007	.049	.095	.153	.191	.237	.267	.314	.333	29.353	29.383	29.411	29.429	29.447	29.475	29.489	29.505	29.519	29.513	29.515	16
17	29.501	29.493	29.465	29.449	.425	.409	.409	.413	.411	.425	.422	.420	.414	.402	.386	.362	.355	.357	.340	.326	.290	.252	.227	.199	17
18	.167	.136	.107	.104	.128	.150	.156	.174	.192	.210	.206	.201	.200	.200	.196	.194	.194	.206	.208	.236	.244	.254	.253	.252	18
19	.258	.268	.270	.278	.294	.306	.312	.312	.322	.340	.344	.350	.350	.338	.326	.326	.324	.320	.326	.330	.320	.318	.314	.324	19
20	.328	.334	.344	.354	.374	.416	.443	.474	.510	.556	.568	.582	.594	.614	.624	.642	.660	.678	.696	.706	.713	.716	.720	.722	20
21	.720	.722	.724	.726	.726	.738	.742	.748	.752	.754	.753	.751	.743	.737	.725	.717	.709	.701	.687	.677	.667	.657	.633	.613	21
22	29.605	29.577	29.547	29.521	29.503	.490	.471	.451	.423	.401	.367	.333	.295	.279	.243	.223	.199	.181	.153	.135	.107	.083	.047	.007	22
23	28.969	28.953	28.943	28.959	28.993	.015	.023	.033	.029	.023	.035	.043	.043	.047	.043	.051	.063	.068	.079	.097	.107	.117	.125	.137	23
24	29.143	29.151	29.165	29.187	29.193	.221	.241	.247	.243	.267	.278	.272	.274	.278	.278	.290	.298	.302	.312	.320	.316	.322	.306	.300	24
25	.288	.258	.224	.210	.186	.170	.152	.124	.110	.098	.091	.093	.099	.133	.161	.183	.213	.251	.277	.297	.323	.337	.355	.373	25
26	.381	.393	.408	.415	.427	.445	.455	.477	.483	.488	.498	.511	.519	.523	.531	.531	.531	.533	.539	.541	.545	.548	.555	.565	26
27	.571	.567	.565	.570	.571	.577	.579	.575	.589	.599	.596	.604	.606	.618	.618	.628	.626	.652	.658	.668	.668	.666	.664	.664	27
28	.658	.652	.648	.644	.638	.636	.636	.640	.640	.642	.640	.632	.628	.633	.632	.634	.636	.640	.642	.648	.648	.654	.650	.650	28
29	.642	.638	.630	.630	.628	.632	.638	.642	.640	.638	.624	.616	.594	.582	.560	.545	.534	.530	.524	.502	.478	.466	.430	.398	29
30	29.374	29.332	29.278	29.238	29.213	29.162	29.164	29.158	29.166	29.178	29.188	29.210	29.216	29.244	29.268	29.309	29.350	29.392	29.420	29.448	29.474	29.504	29.526	29.532	30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	56.5	55.2	56.0	55.9	55.0	55.5	57.0	57.7	58.5	61.6	61.9	60.1	60.2	61.0	59.9	59.4	58.8	58.8	55.7	54.0	52.0	51.1	51.4	54.0
2	55.1	54.2	54.0	53.5	53.3	53.9	54.7	55.8	58.9	60.1	60.6	61.4	64.0	64.3	63.9	64.3	63.0	60.9	58.9	57.5	56.2	56.0	56.2	56.9
3	56.8	56.7	56.9	57.2	57.2	56.7	57.0	58.9	60.1	62.4	61.9	62.0	62.3	62.5	62.4	62.5	61.5	61.4	60.9	60.0	60.1	59.2	58.6	58.0
4	57.0	57.0	56.2	56.0	56.0	55.2	56.6	58.9	61.3	63.0	65.0	65.9	66.6	67.1	66.6	65.7	64.8	63.5	63.0	62.0	61.2	60.5	59.9	59.6
5	59.3	59.3	58.0	58.0	58.1	58.5	59.0	60.4	62.2	62.3	63.2	65.5	67.0	68.5	68.2	67.6	66.7	65.0	63.5	63.6	62.5	59.9	58.9	56.7
6	56.4	54.9	55.0	54.9	55.6	56.5	58.0	59.0	61.2	63.5	64.1	65.7	65.0	66.3	66.1	64.1	63.5	62.6	61.0	59.9	58.9	59.8	60.3	60.1
7	60.0	59.8	60.0	60.0	60.0	60.0	60.4	62.0	62.6	62.9	64.7	65.0	65.9	65.2	65.0	65.1	63.8	62.5	61.5	61.2	60.4	60.4	60.6	60.8
8	61.0	60.2	59.5	59.1	59.0	58.5	59.5	61.1	62.2	63.3	63.2	63.9	65.0	64.9	65.2	64.1	64.3	62.0	61.0	58.2	57.7	57.9	58.1	58.2
9	58.2	58.1	58.0	57.9	57.8	57.1	58.0	59.0	61.2	61.2	59.0	59.3	59.7	60.4	62.7	62.2	62.0	58.0	56.0	54.9	54.4	53.3	51.4	49.8
10	48.0	47.0	45.4	44.3	44.3	44.1	46.9	51.6	55.9	58.5	61.4	62.1	62.6	61.5	62.2	61.3	60.8	58.7	54.7	52.5	51.5	50.0	49.2	49.1
11	47.7	46.2	47.0	46.0	46.8	46.3	48.7	50.6	58.0	62.1	64.4	65.8	66.2	66.2	65.9	65.1	63.6	60.9	58.8	56.5	55.1	55.1	54.0	53.2
12	55.0	54.7	55.1	56.7	56.8	56.4	57.1	55.0	54.1	55.1	55.9	56.4	55.8	58.0	58.0	59.7	58.2	56.1	54.0	52.0	52.8	50.0	51.7	47.3
13	47.0	47.0	52.3	51.9	49.2	46.2	48.9	51.8	56.0	58.6	57.4	57.9	59.0	59.3	59.1	57.9	57.0	55.0	52.1	51.9	51.0	49.4	50.6	50.0
14	51.1	52.3	52.5	52.2	53.4	53.8	54.4	55.5	56.9	58.0	58.1	58.4	58.1	59.0	59.1	59.2	58.9	58.6	58.1	58.1	58.1	58.0	57.7	57.3
15	57.3	57.2	56.9	56.0	56.2	55.9	55.8	57.9	57.1	58.4	57.8	57.2	57.9	58.7	58.4	57.2	53.1	54.9	54.4	53.3	52.0	51.0	50.3	51.8
16	52.5	53.1	53.6	53.4	51.7	50.7	51.2	52.0	53.1	53.5	49.8	53.5	53.2	52.8	55.1	52.5	54.2	53.8	53.0	53.3	52.6	53.0	53.3	53.8
17	54.0	53.5	53.6	53.9	54.4	55.4	56.8	56.9	57.6	58.0	58.8	59.5	59.2	59.1	59.8	60.9	60.9	59.4	58.1	58.9	58.9	58.9	58.0	59.2
18	59.4	59.0	59.0	54.9	54.6	53.0	53.2	52.9	54.3	53.0	53.3	55.2	55.4	54.3	54.0	54.0	51.0	48.1	48.7	48.0	46.7	46.2	48.2	48.4
19	47.0	47.4	47.9	47.8	47.4	47.8	49.0	49.8	52.0	53.9	54.0	52.0	53.4	54.4	54.0	51.1	47.3	47.7	47.0	46.3	45.6	44.0	44.9	44.5
20	44.5	42.2	42.9	43.6	42.9	41.6	44.0	46.5	51.5	50.8	52.0	54.0	54.0	55.2	55.3	55.2	53.4	52.0	49.4	44.5	44.8	43.0	43.7	42.0
21	41.2	40.4	47.3	47.1	42.0	42.0	44.8	45.0	47.8	51.5	52.8	53.9	54.3	54.0	55.5	55.5	53.0	51.6	50.5	47.3	45.0	46.0	48.0	48.1
22	48.2	48.1	48.8	48.8	49.0	49.0	49.2	50.1	51.7	52.6	52.9	53.5	53.7	52.7	53.1	52.3	52.2	51.0	50.4	50.4	50.4	49.9	49.0	49.0
23	48.9	47.5	47.0	46.0	45.1	45.0	47.0	48.8	49.9	51.4	52.6	52.9	53.9	53.1	53.9	53.5	52.9	50.6	47.3	46.0	45.1	44.0	43.1	41.6
24	41.1	…	…	*	*	…	…	40.8	45.2	50.2	53.2	54.3	56.1	57.5	57.9	56.8	54.9	51.7	49.0	46.6	45.8	44.2	43.7	42.9
25	45.9	45.5	48.2	48.6	48.8	49.4	50.1	50.9	51.5	52.7	53.4	54.4	54.1	54.3	55.0	54.7	53.7	51.7	50.0	49.4	49.7	48.9	48.1	48.0
26	46.5	47.3	47.2	45.8	47.0	44.2	46.3	48.8	51.2	53.8	54.2	53.8	53.0	52.1	54.0	53.9	52.9	51.5	51.1	51.2	51.2	52.3	50.9	51.2
27	51.2	51.0	51.2	51.8	51.2	50.5	51.0	51.8	52.1	53.0	55.0	54.7	54.9	56.5	56.0	55.7	55.8	55.0	54.4	54.0	53.5	54.3	54.3	55.0
28	54.8	53.7	54.9	55.0	55.3	55.1	55.5	56.2	57.1	57.4	57.4	57.9	58.6	59.2	58.8	58.5	58.2	58.0	57.7	57.5	57.4	57.2	57.0	57.1
29	57.0	57.0	56.9	56.9	56.9	56.8	57.0	57.3	58.2	59.9	61.9	62.5	63.8	63.1	62.1	60.4	59.5	58.8	58.2	57.9	57.7	57.1	56.8	55.9
30	55.8	56.2	55.9	55.9	55.5	54.4	54.1	54.0	54.5	54.2	54.7	54.7	56.1	56.5	55.0	54.5	53.4	52.3	50.8	50.0	50.0	49.6	49.1	48.8
31																								

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
55.1	54.2	54.8	54.5	54.0	54.8	55.3	55.6	56.0	58.0	58.5	56.4	56.1	56.2	55.5	55.0	54.8	54.4	52.9	52.0	50.7	50.0	50.0	52.0	1
52.7	52.6	52.6	52.2	52.2	52.7	52.9	53.0	54.9	54.7	54.9	55.4	55.9	56.8	57.0	†57.8	57.0	56.4	55.9	55.1	54.7	54.0	54.5	55.0	2
55.0	55.0	55.2	55.4	55.4	55.0	55.0	56.3	57.0	58.0	57.9	58.4	59.0	59.5	59.5	59.7	59.0	59.0	58.6	58.2	58.3	57.9	57.3	57.0	3
56.2	56.2	55.7	55.2	55.0	54.4	55.4	57.0	58.4	59.3	60.9	61.5	62.3	62.8	63.6	62.0	61.4	61.8	60.9	60.0	59.2	59.0	58.9	58.7	4
58.3	58.0	57.1	57.2	57.8	57.9	58.0	58.8	60.0	59.7	60.4	62.0	63.0	64.3	63.8	64.0	62.9	62.0	61.0	61.1	61.0	58.0	57.6	55.0	5
55.4	54.0	54.3	54.2	55.2	56.2	57.5	58.2	59.2	60.0	60.5	62.0	61.0	61.0	61.7	60.3	59.8	59.8	59.0	58.3	57.9	58.5	59.0	58.8	6
58.7	58.8	59.0	59.2	59.2	59.2	59.5	60.4	60.6	60.6	61.1	61.3	61.7	61.0	60.8	60.0	60.9	60.0	59.6	59.0	58.4	58.9	59.2	59.5	7
59.8	59.0	58.2	58.0	57.9	57.4	58.0	59.4	59.9	60.8	60.1	60.8	61.3	61.2	62.0	62.0	61.9	60.7	59.8	57.0	56.9	57.0	56.9	57.3	8
57.7	57.6	57.2	57.2	56.8	56.0	56.9	57.8	59.0	58.5	57.7	58.6	58.9	59.0	59.9	57.8	55.9	52.8	50.2	49.0	49.3	49.0	48.3	47.8	9
46.6	45.5	44.0	43.2	43.0	43.0	45.0	48.9	51.4	53.0	54.4	54.0	54.3	53.5	54.0	54.0	54.0	53.2	50.9	49.5	49.8	48.6	47.7	47.8	10
46.0	45.0	45.5	44.9	45.4	45.0	46.4	48.6	54.0	57.7	58.0	58.7	59.0	59.9	59.3	56.9	57.8	57.6	56.9	55.5	54.3	54.6	53.2	52.8	11
54.1	54.0	54.5	55.9	55.8	55.9	56.5	52.4	52.5	51.9	51.1	50.2	49.8	†50.8	*	†51.7	50.5	49.2	47.7	47.3	47.1	46.3	47.0	45.1	12
45.1	45.5	49.3	49.0	47.9	45.1	47.8	50.2	53.0	52.5	52.4	52.9	53.0	54.1	53.3	53.9	53.1	51.2	49.7	49.9	49.2	48.1	49.0	48.8	13
49.9	50.2	50.4	50.5	51.6	52.0	52.8	54.1	56.1	57.3	57.7	57.9	57.7	58.4	58.3	58.4	58.1	58.0	57.9	57.9	57.7	57.0	56.7	56.1	14
56.1	55.9	55.0	54.7	54.2	53.2	53.1	54.9	54.5	55.3	55.0	55.2	56.0	56.3	56.7	56.0	52.7	54.3	49.1	48.4	47.6	47.2	45.9	*	15
…	…	…	*	…	…	…	47.0	47.0	47.0	46.2	47.9	47.4	48.3	48.3	47.9	48.4	47.8	47.3	47.5	47.3	48.4	49.2	50.0	16
51.6	51.5	51.9	52.3	53.0	54.0	55.3	56.1	57.1	57.6	58.1	58.8	58.9	58.7	59.0	59.7	59.4	58.2	57.1	57.7	57.7	57.8	57.1	58.0	17
58.3	58.6	58.7	53.2	53.3	51.0	50.0	49.0	49.6	48.5	49.0	48.7	48.6	48.0	48.4	49.0	47.1	45.6	44.9	44.9	43.8	44.0	44.5	44.8	18
45.0	45.1	45.3	45.3	45.1	44.9	45.6	46.7	47.0	48.1	47.9	46.1	47.0	47.8	48.8	47.3	46.0	46.0	45.8	45.5	44.9	43.2	44.0	43.8	19
43.7	41.7	42.2	43.0	42.1	40.9	42.9	44.9	47.8	47.0	48.0	47.9	46.9	48.2	48.8	47.8	47.1	46.4	44.6	42.0	42.1	41.8	42.1	40.7	20
40.7	39.5	44.1	44.7	40.7	41.4	43.6	44.0	46.8	49.0	48.5	48.9	48.5	48.6	49.0	49.1	48.7	48.4	47.9	45.8	43.8	44.3	46.8	45.9	21
46.2	46.0	46.5	46.9	47.1	47.0	47.0	47.9	48.9	48.7	49.3	49.6	50.2	50.6	50.6	50.8	50.2	49.2	49.1	48.9	48.9	48.2	47.9	48.0	22
48.1	46.7	46.0	45.0	43.9	44.3	46.6	47.9	48.9	49.0	48.9	48.5	49.1	49.0	49.9	48.9	48.9	47.3	45.6	44.8	44.1	43.1	42.0	40.9	23
40.3	38.8	37.3	37.0	36.1	37.1	36.3	40.0	44.0	48.3	50.1	50.0	51.1	51.2	51.3	50.8	50.5	48.1	46.9	44.9	44.2	43.7	43.0	42.2	24
45.2	44.9	47.7	47.4	47.8	48.9	49.8	50.1	50.9	51.9	53.0	54.1	52.9	51.4	51.0	49.8	49.4	47.2	46.3	45.0	45.0	45.0	44.3	45.1	25
44.5	44.1	44.1	43.7	43.9	42.5	44.0	45.9	48.4	48.2	49.0	48.0	49.2	48.9	49.1	49.8	49.8	49.7	49.0	49.8	50.1	50.9	49.9	50.2	26
50.7	50.0	50.0	49.9	50.0	49.7	50.3	51.1	51.7	52.3	54.0	53.5	54.0	54.8	54.9	53.9	54.2	54.0	53.8	53.2	52.9	53.8	53.9	54.8	27
54.3	53.2	54.7	54.9	55.1	54.9	55.1	56.0	56.8	56.9	56.9	57.3	58.7	58.7	57.9	57.9	57.8	57.4	57.1	57.1	57.0	57.0	56.8	56.9	28
56.5	56.8	56.6	56.8	56.8	56.5	56.9	57.0	57.7	58.3	58.9	59.8	60.5	60.1	59.7	58.6	57.9	58.0	57.6	57.1	56.9	56.4	55.4	54.9	29
54.8	54.9	54.1	53.9	53.6	53.2	53.4	52.9	53.4	53.1	53.0	53.5	55.0	55.0	53.7	52.2	51.1	49.5	48.8	48.4	48.0	47.8	47.2	47.0	30
																								31

* Record defective or Instrument out of action † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51′ N. LONG: 2°28′ W.

HOURLY VALUES September 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	23	4	24	4·5	22	7·5	24	5·5	21	4·5	20	4·5	23	8·5	23	6·5	22	7·5	22	8·5	21	15	22	23	22	17	21	15	22	15	21	13	21	12	20	12	19	7·5	19	7·5	19	3	19	4	19	3	19	4·5	1
2	21	2	21	2	21	3	21	2	21	1·5	21	2	21	3	21	3	19	4	20	5·5	17	9·5	17	9·5	19	13	18	10·5	20	10·5	19	14	20	11	20	7·5	20	3	20	3	20	3	20	3	20	4	20	3	2
3	20	4	20	2	20	2	20	6·5	18	6·5	18	7·5	18	6·5	18	8·5	18	11	19	17	19	14	19	12	19	10·5	19	10·5	19	9·5	19	8·5	20	8·5	20	6·5	21	4	21	2	21	1·5	21	1·5	21	1·5	21	1·5	3
4	21	1·5	21	1·5	21	1·5	21	2	23	1·5	23	1·5	23	1·5	23	2	28	3	30	3	3	3	2	3	2	2	2	1·5	2	2	1	4	1	4	31	4	32	4	32	3	32	4	32	3	3	3	4	2	4
5	1	2	1	4·5	32	6·5	32	5·5	1	4	1	3	2	4	1	4·5	2	4	32	4·5	31	5·5	31	4·5	31	5·5	2	4	3	2	3	2	3	2	3	1·5	3	4	3	3	3	1·5	3	3	3	4	3	2	5
6	3	4	3	2	3	1·5	3	2	3	2	3	2	3	2	3	1·5	12	2	19	4·5	19	11	20	13	20	11	21	10·5	21	12	21	13	21	11	21	6·5	21	4·5	20	4	19	4·5	19	3	19	3	19	2	6
7	19	4·5	19	4	19	4	19	5·5	19	4·5	19	4·5	20	4	17	4	17	4·5	19	4	20	4	19	4·5	20	5·5	20	4·5	21	2	21	3	21	2	21	2	21	3	21	3	29	4·5	31	5·5	31	5·5	32	4·5	7
8	32	4·5	32	4	32	6·5	32	5·5	1	7·5	1	4·5	32	4	32	3	2	3	7	2	2	4	3	4	7	5·5	6	4	31	4·5	31	7·5	21	5·5	21	8·5	20	5·5	21	4	21	3	21	4·5	21	4	21	2	8
9	21	3	21	4·5	21	4·5	18	5·5	18	4·5	19	6·5	20	7·5	18	7·5	19	14	20	16	20	16	19	16	19	13	22	14	22	13	23	12	20	10·5	22	10·5	24	9·5	24	13	26	13	26	8·5	27	3	27	2	9
10	27	3	31	2	31	3	31	2	31	3	32	2	32	2	32	2	32	2	9	3	21	4	20	7·5	23	7·5	21	8·5	21	9·5	21	7·5	21	4·5	21	4	21	4·5	22	2	22	2	22	2	22	1·5	22	2	10
11	26	4·5	29	5·5	29	4	29	4·5	29	2	29	2	29	2	30	3	30	2	15	4·5	15	7·5	17	6·5	19	7·5	22	9·5	22	8·5	22	8·5	22	8·5	22	4	22	3	22	2	22	3	22	4	22	4	22	5·5	11
12	19	7·5	19	6·5	19	6·5	19	10·5	19	4·5	18	6·5	18	10·5	24	19	24	15	24	19	25	22	27	20	28	17	28	12	26	8·5	25	13	28	11	25	12	25	16	25	8·5	26	11	24	6·5	29	4	29	4	12
13	22	3	22	3	26	8·5	26	5·5	25	3	23	4	19	2	19	4	16	8·5	22	3	20	12	21	11	20	13	19	13	19	13	20	13	20	12	21	6·5	22	4·5	22	4	22	4·5	22	5·5	20	7·5	20	6·5	13
14	20	5·5	20	8·5	20	8·5	20	10·5	20	10·5	20	10·5	20	12	19	11	18	11	19	12	19	15	19	16	19	15	20	14	19	11	19	10·5	19	9·5	19	6·5	19	5·5	19	4·5	19	6·5	18	7·5	17	8·5	18	6·5	14
15	17	10·5	16	11	16	15	15	14	14	20	14	21	14	23	14	28	14	25	14	34	14	31	14	29	14	39	14	41	14	43	15	42	19	25	21	20	20	29	20	25	19	21	19	24	20	27	19	28	15
16	20	31	19	30	20	30	20	31	21	27	21	30	21	35	21	34	22	34	22	35	22	32	22	34	22	34	22	33	21	30	21	27	21	24	21	29	20	19	22	21	20	14	20	15	19	17	19	19	16
17	19	20	19	18	18	18	18	16	17	14	18	17	18	20	18	18	18	21	19	20	19	23	19	23	18	24	19	21	19	21	19	23	18	19	18	12	17	11	17	14	17	12	17	12	18	12	18	17	17
18	18	12	18	20	18	18	24	20	21	14	20	12	22	15	22	14	21	22	22	20	21	22	20	28	20	26	20	30	20	24	19	24	20	21	23	18	20	23	21	19	21	17	20	18	20	18	19	24	18
19	20	22	20	24	20	26	20	24	20	24	21	19	20	24	20	26	21	31	20	31	20	31	20	29	20	28	19	26	20	23	24	13	20	10·5	20	11	18	7·5	19	4·5	16	5·5	19	4·5	17	4	18	3	19
20	19	3	18	3	18	3	25	2	28	4·5	29	4	31	5·5	30	5·5	28	8·5	26	9·5	29	4·5	31	7·2	29	7·5	31	9·5	27	10·5	28	9·5	28	7·5	29	6·5	29	4	27	4	28	2	28	2	28	3	28	2	20
21	28	2	28	4	26	6·5	26	5·5	26	2	26	3	23	3	23	2	22	4·5	22	4·5	23	7·5	22	8·5	22	6·5	21	9·5	20	8·5	21	5·5	20	4	20	4	20	1·5	20	1·5	20	1·5	20	4	15	3	15	3	21
22	18	4	19	4·5	16	9·5	15	14	14	10·5	14	11	14	13	13	13	13	18	14	20	14	25	13	25	13	26	13	22	14	20	14	19	14	19	13	26	13	20	12	17	11	16	11	14	8	7·5	8	4·5	22
23	26	6·5	24	16	22	22	24	21	21	14	20	7·5	19	7·5	20	6·5	21	11	22	14	22	14	24	10·5	23	10·5	23	9·5	22	9·5	23	9·5	23	6·5	23	4	23	1·5	23	1·5	23	1·5	23	1·5	23	1·5	23	3	23
24	23	3	23	1·5	23	3	27	3	28	4	28	2	29	4	30	4·5	31	2	4	2	1	3	29	2	23	7·5	23	9·5	23	9·5	24	9·5	23	7·5	23	4·5	24	2	25	2	25	3	25	1·5	25	1·5	25	2	24
25	25	2	25	3	22	2	18	6·5	19	5·5	18	5·5	15	13	15	16	18	12	16	15	17	15	19	13	26	16	26	17	24	14	24	18	25	14	26	11	25	7·5	26	10·5	26	9·5	26	7·5	26	9·5	23	4	25
26	23	7·5	24	8·5	24	9·5	25	10·5	25	9·5	24	3	24	5·5	19	5·5	21	8·5	22	16	22	17	22	21	22	22	21	21	22	19	23	14	20	13	21	12	22	9·5	20	11	21	8·5	22	14	22	7·5	22	9·5	26
27	23	7·5	22	8·5	22	12	23	10·5	22	13	21	13	20	8·5	20	13	19	10·5	20	8·5	20	9·5	19	5·5	20	5·5	22	10·5	23	9·5	27	5·5	23	4	23	4	23	3	23	3	23	5·5	23	6·5	23	6·5	23	6·5	27
28	23	3	23	2	23	3	23	4	19	5·5	19	4	20	5·6	19	5·5	20	6·5	21	13	20	14	20	13	21	12	22	9·5	22	11	22	9·5	23	10·5	23	8·5	23	6·6	22	4·5	22	5·6	22	4·5	22	6·5	22	6·5	28
29	20	4	21	4·5	20	4	20	4	20	2	23	2	23	3	22	3	22	4	22	4	21	2	22	3	19	3	19	2	19	2	19	4·5	1	5·5	1	2	1	3	1	2	1	2	1	2	8	4	8	2	29
30	8	2	12	5·5	12	6·5	11	4·5	13	4·5	7	2	2	4	1	4	27	5·5	24	11	23	14	23	12	23	10·5	26	17	27	15	29	12	30	8·5	32	13	1	6·5	2	4·5	4	5·5	5	3	5	4	5	3	30
31																																																		31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	.	.	.	.	.	.	.	.	·077	·061	·022	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	·039	·002	.	.	·078	·035	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	·029	·101	·030	·050	·005	·005	.	·010	·030	·005	·010	·010	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	·010	·040	·062	·044	·065	·445	·060	·002	·001	.	·010	.	.	15
16	Total for 8 hours = 1·20												·018	.	·022	·060	.	.	.	.	.	.	.	.	16
17	.	·006	·010	·046	·003	·002	·002	·007	·065	·195	·050	·010	·080	·012	·003	.	.	.	.	.	.	.	.	.	17
18	·020	·140	·180	·175	·010	·019	.	.	.	.	.	.	.	.	.	·028	·010	·012	·009	·005	·080	·006	.	.	18
19	·050	·050	·050	·023	·027	.	.	.	.	.	.	.	.	.	.	.	·160	·090	·100	·020	·050	.	·035	·002	19
20	·008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·010	·030	·034	·025	·011	·030	·063	·120	22
23	·199	·120	·095	·034	·034	·004	·002	.	.	.	.	·002	.	·001	.	.	·002	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	·054	·095	·056	·071	·083	·038	·162	·288	·010	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	·002	·007	·001	·004	·001	·009	·006	.	.	·011	·021	·002	26
27	·003	·002	.	.	.	·043	·015	·004	·033	·015	.	.	.	·004	·001	.	·002	·001	·001	.	.	.	.	.	27
28	.	.	.	·015	·050	·010	·043	·053	·020	·032	·070	·030	·074	·017	·009	.	·010	·001	·002	·002	·002	.	·001	·001	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·130	·070	.	.	.	.	.	29
30	.	.	.	.	.	·060	·040	.	.	·012	·008	·002	.	.	·001	.	·003	·001	·006	.	.	.	.	.	30
31																									31
	1·25	·880	·318	·335	·326	·126	·192	·197	·198	·253	·448	·196	·383	·532	·138	·015	·052	·228	·279	·238	·062	·143	·047	·120	·125

* Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
1	·407	·413	·406	·403	·420	·414	·414	·414	·432	·443	·405	·396	·388	·383	·376	·378	·367	·366	·360	·353	·347	·343	·360		1
2	·375	·377	·373	·376	·381	·376	·367	·378	·361	·360	·364	·349	·368	·377	†·394	·387	·395	·405	·402	·394	·391	·402	·406		2
3	·409	·412	·414	·414	·409	·405	·417	·422	·422	·425	·439	·452	·466	·467	·472	·463	·464	·459	·459	·461	·461	·451	·451		3
4	·440	·457	·425	·419	·412	·423	·438	·447	·452	·475	·481	·498	·508	·521	·500	·494	·526	·503	·487	·475	·478	·484	·481		4
5	·463	·454	·457	·475	·472	·467	·473	·484	·474	·484	·503	·515	·536	·524	·540	·516	·510	·499	·501	·513	·454	·457	·409		5
6	·405	·412	·411	·431	·448	·467	·474	·474	·468	·476	·500	·478	·461	·485	·469	·462	·473	·470	·464	·465	·472	·480	·477		6
7	·482	·485	·492	·492	·492	·496	·500	·499	·494	·485	·488	·487	·475	·472	·446	·492	·481	·483	·467	·460	·476	·483	·490		7
8	·482	·467	·466	·464	·456	·460	·481	·481	·496	·474	·489	·488	·486	·507	·523	·517	·494	·496	·448	·452	·452	·446	·457		8
9	·468	·457	·458	·448	·433	·448	·461	·467	·453	·458	·482·	·487	·479	·475	·419	·370	·337	·299	·281	·292	·296	·301	·307		9
10	·287	·271	·266	·261	·264	·276	·313	·327	·336	·340	·322	·325	·318	·321	·331	·336	·339	·326	·317	·337	·324	·312	·316		10
11	·284	·287	·285	·287	·283	·293	·317	·367	·418	·398	·400	·404	·429	·415	·414	·402	·434	·436	·427	·411	·420	·394	·394		11
12	·408	·417	·436	·431	·440	·449	·359	·373	·346	·320	·294	·292	†·292	*	†·296	·284	·277	·261	·272	·261	·271	·269	·273		12
13	·287	·314	·311	·317	·287	·318	·343	·365	·323	·333	·341	·330	·354	·336	·366	·354	·330	·328	·334	·328	·320	·327	·329		13
14	·336	·339	·345	·358	·363	·377	·400	·438	·460	·471	·473	·471	·480	·476	·477	·472	·473	·477	·477	·471	·451	·446	·433		14
15	·428	·406	·441	·394	·371	·370	·391	·390	·396	·395	·409	·422	·420	·436	·481	·393·	·414	·287	·283	·279	·281	·260	*		15
16	-	-	-	-*	-	-	-	-	-	-	·266	·256	·253	·271	·270	·263	·285	·265	·280	·273	·265	·263	·264	·267	·286	·300	·312	16
17	·354	·363	·370	·383	·398	·417	·439	·460	·470	·473	·486	·494	·489	·488	·494	·485	·468	·452	·460	·460	·463	·454	·464		17
18	·487	·490	·382	·389	·347	·320	·300	·299	·288	·296	·273	·270	·265	·275	·288	·278	·275	·255	·261	·253	·263	·251	·256		18
19	·272	·271	·272	·272	·263	·268	·282	·266	·270	·265	·248	·253	·260	·284	·282	·294	·289	·293	·295	·290	·270	·276	·277		19
20	·258	·260	·270	·258	·248	·263	·279	·289	·278	·287	·265	·246	·263	·274	·255	·255	·254	·243	·239	·237	·251	·249	·239		20
21	·232	·252	·267	·239	·254	·269	·275	·307	·317	·290	·287	·276	·280	·277	·279	·292	·301	·302	·289	·271	·272	·281	·282		21
22	·284	·289	·298	·300	·298	·296	·306	·312	·296	·307	·307	·319	·341	·336	·352	·337	·328	·333	·328	·328	·315	·320	·322		22
23	·309	·298	·287	·272	·282	·313	·322	·333	·318	·301	·289	·291	·298	·309	·292	·298	·287	·285	·283	·276	·267	·254	·248		23
24	-	-	-*	-*	-	-	·237	·273	·315	·322	·308	·318	·305	·304	·303	·315	·299	·296	·278	·271	·267	·269	·260		24
25	·291	·325	·314	·320	·340	·355	·352	·365	·375	·397	·415	·384	·341	·325	·300	·300	·273	·271	·251	·248	·256	·248	·265		25
26	·252	·253	·250	·251	·253	·262	·276	·306	·273	·286	·269	·304	·307	·290	·307	·318	·335	·322	·340	·348	·354	·347	·351		26
27	·348	·345	·336	·345	·347	·356	·367	·379	·383	·403	·400	·405	·406	·416	·392	·399	·403	·406	·394	·393	·407	·410	·427		27
28	·399	·426	·430	·432	·429	·429	·446	·458	·456	·456	·461	·476	·487	·467	·472	·473	·463	·458	·461	·459	·462	·459	·461		28
29	·459	·455	·461	·461	·453	·462	·461	·470	·464	·454	·475	·480	·476	·477	·466	·457	·470	·467	·455	·452	·445	·420	·417		29
30	·413	·395	·389	·387	·389	·399	·385	·393	·388	·385	·393	·418	·412	·395	·360	·345	·319	·320	·319	·309	·309	·302	·300		30
31																									31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28′ N LONG 0°19′ W

HOURLY VALUES September 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·850	29·860	29·867	29·875	29·894	29·917	29·941	29·962	29·983	30·001	30·020	30·026	30·045	30·057	30·069	30·079	30·089	30·099	30·120	30·146	30·156	30·161	30·175	30·191	1
2	30·195	30·198	30·199	30·208	30·213	30·221	30·228	30·241	30·251	·262	·270	·271	·267	·260	·253	·246	·248	·248	·260	·260	·264	·261	·268	·267	2
3	·266	·251	·247	·243	·244	·246	·252	·252	·258	·256	·253	·231	·227	·199	·193	·180	·171	·167	·172	·176	·184	·171	·174	·173	3
4	30·169	30·164	30·157	30·150	30·147	30·144	30·151	30·150	30·146	30·131	30·117	30·106	30·093	30·067	30·062	30·053	30·056	30·058	30·050	30·054	30·049	30·030	30·021	30·010	4
5	29·993	29·980	29·973	29·957	29·952	29·961	29·963	29·967	29·967	29·962	29·963	29·966	29·958	29·953	29·952	29·954	29·956	29·961	29·969	29·979	29·991	29·993	29·995	29·994	5
6	29·991	29·993	29·997	30·001	30·016	30·031	30·053	30·075	30·093	30·095	30·088	30·090	30·090	30·084	30·074	30·076	30·078	30·090	30·096	30·108	30·110	30·110	30·105	30·117	6
7	30·116	30·110	30·110	30·112	30·114	·121	·122	·124	·130	†·118	30·113	30·105	30·100	30·087	30·075	30·058	30·056	30·053	30·053	30·055	30·055	30·053	30·051	30·045	7
8	30·035	30·019	30·006	29·999	29·998	·005	·012	·007	·003	·001	29·991	29·983	29·981	29·966	29·958	29·957	29·960	29·966	29·973	29·986	29·987	29·989	29·984	29·986	8
9	29·981	29·986	29·988	29·989	29·999	·007	·017	·018	·021	·021	30·028	30·031	30·030	30·016	30·021	30·022	30·028	30·043	30·057	30·071	30·082	30·086	30·094	30·098	9
10	30·105	30·114	30·118	30·132	30·143	·161	·170	·184	·194	·196	·193	·190	·195	·193	·191	·189	·193	·195	·209	·226	·241	·245	·246	·248	10
11	·244	·240	·239	·237	·242	·247	·248	·252	·255	·253	·239	·231	·221	·206	·198	·180	·175	·172	·179	·181	·183	·186	·171	·173	11
12	·162	·138	·125	·119	·106	·099	·095	·080	·066	·051	·042	·037	·027	·048	·039	·036	·045	·069	·088	·109	·116	·124	·126	·122	12
13	·122	30·123	30·108	30·103	30·108	30·117	30·118	30·116	·112	·108	·093	30·079	30·072	30·055	30·043	30·035	30·027	30·027	30·031	30·033	30·027	30·021	30·019	30·013	13
14	30·003	29·992	29·983	29·973	29·974	29·979	29·986	29·997	30·006	30·009	30·004	29·990	29·977	29·976	29·970	29·962	29·962	29·966	29·972	29·972	29·974	29·965	29·960	29·950	14
15	29·940	·926	·914	·900	·888	·879	·878	·861	29·851	29·810	29·797	·749	·717	·681	·657	·623	·599	·563	·544	29·511	29·474	29·492	29·509	29·542	15
16	29·562	29·597	29·607	29·619	29·634	·667	·693	·705	·735	·773	·795	·831	·861	·885	·894	·923	·944	·963	·992	30·005	30·013	30·035	30·037	30·038	16
17	30·037	30·027	30·027	30·010	30·005	·997	·993	·991	·987	·983	·989	·971	·969	·957	·939	·921	·921	·906	·905	29·885	29·881	29·865	29·843	29·813	17
18	29·778	29·739	29·697	29·652	29·636	·621	·614	·624	·637	·630	·640	·651	·664	·664	·672	·678	·695	·716	·744	·770	·783	·800	·814	·825	18
19	·831	·839	·842	·848	·854	·876	·889	·902	·908	·912	·906	·904	·886	·872	·874	·856	·842	29·828	29·822	29·814	29·790	29·770	29·754	29·740	19
20	29·738	29·730	29·738	29·742	29·764	29·776	29·805	29·821	29·842	29·858	29·874	29·883	29·898	29·912	29·922	29·944	29·978	30·000	30·028	30·061	30·074	30·092	30·100	30·112	20
21	30·120	30·120	30·126	30·135	30·144	30·153	30·158	30·164	30·170	30·174	30·170	30·169	30·164	30·156	30·149	30·142	30·140	30·136	30·132	30·130	30·129	30·118	30·110	30·100	21
22	30·084	30·056	30·038	30·020	30·001	29·986	29·966	29·942	29·928	29·906	29·882	29·858	29·824	29·796	29·766	29·726	29·687	29·655	29·628	29·601	29·565	29·543	29·518	29·486	22
23	29·464	29·458	29·452	29·452	29·453	·458	·459	·455	·456	·458	·456	·450	·441	·434	·426	·430	·439	·452	·458	·472	·472	·491	·490	·494	23
24	·500	·502	·506	·516	·532	·564	·578	·591	·607	·622	·619	·630	·632	·644	·650	·663	·682	·700	·718	·729	·731	·740	·746	·752	24
25	·749	·739	·732	·724	·716	·715	·718	·714	·716	·705	·676	·658	·654	·632	·620	·604	29·604	29·611	29·621	29·637	29·690	29·707	29·740	29·758	25
26	29·774	29·790	29·797	29·824	29·853	29·876	29·892	29·922	29·938	29·956	29·966	29·969	29·968	29·978	29·978	29·990	30·002	30·009	30·021	30·032	30·033	30·053	30·054	30·058	26
27	30·054	30·046	30·049	30·051	30·046	30·057	30·058	30·063	30·074	30·068	30·070	30·058	30·054	30·048	30·045	30·043	·055	·058	·061	·074	·079	·083	·083	·088	27
28	·092	·084	·086	·080	·078	·086	·085	·093	·093	·088	·091	·075	·077	30·058	30·046	30·043	30·044	30·041	30·042	30·046	30·049	30·047	30·044	30·042	28
29	30·039	30·026	30·021	30·017	30·015	30·022	30·028	30·035	30·033	30·027	30·026	30·015	30·000	29·974	29·950	29·942	29·931	29·922	29·917	29·915	29·896	29·873	29·864	29·832	29
30	29·807	29·768	29·730	29·690	29·663	29·652	29·646	29·652	29·658	29·675	29·683	29·691	29·699	29·707	29·715	29·744	29·762	29·786	29·801	29·827	29·835	29·855	29·871	29·891	30
31																									31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	59·0	58·7	58·2	58·0	58·2	57·9	57·5	57·6	58·8	59·3	60·4	60·9	61·3	61·8	62·1	62·3	62·0	61·0	60·3	59·8	59·2	58·3	58·1	57·3	1
2	57·0	56·3	56·1	56·0	55·4	55·8	56·7	58·2	60·1	61·1	61·9	61·9	64·0	65·0	64·6	64·0	63·8	62·9	60·7	59·5	58·8	58·1	57·7	57·0	2
3	52·2	52·2	51·7	51·2	51·0	50·0	51·0	54·0	58·0	60·7	62·0	64·7	64·6	66·9	68·0	68·5	69·1	67·7	66·2	62·4	60·5	58·6	57·0	55·5	3
4	53·2	52·2	52·8	51·0	50·0	50·9	53·0	55·5	60·2	64·5	66·5	70·1	69·3	69·8	69·4	66·8	65·0	63·9	62·5	62·3	61·7	61·4	60·9	60·6	4
5	60·3	60·0	59·1	59·9	60·0	59·1	60·9	62·0	64·3	66·0	68·0	69·0	68·3	70·0	70·9	67·3	66·7	66·9	65·3	64·0	63·6	63·0	62·5	62·1	5
6	61·2	60·7	59·9	58·6	58·0	56·9	57·5	56·9	58·0	59·6	62·2	65·5	67·2	69·3	71·1	71·1	70·7	68·2	64·3	62·3	60·4	58·1	56·9	55·0	6
7	55·1	54·0	52·8	51·9	51·5	50·2	52·9	56·1	60·8	64·5	66·0	67·4	70·0	70·0	71·0	71·8	69·9	67·6	64·4	60·2	61·5	61·0	61·6	60·8	7
8	60·5	59·0	57·3	57·2	56·5	57·4	59·0	60·5	60·7	62·0	64·9	67·2	67·2	65·5	67·1	66·6	64·0	62·6	60·2	59·0	58·0	57·0	56·0	55·0	8
9	54·1	54·0	54·0	54·8	55·0	56·9	58·1	60·3	61·7	63·8	64·3	66·3	66·6	67·3	67·0	65·9	65·0	64·0	63·2	63·0	62·7	62·0	61·5	61·5	9
10	60·9	58·1	56·3	55·0	53·0	51·7	54·0	55·3	57·4	60·0	61·4	62·5	63·4	65·5	64·9	66·2	66·1	65·0	60·2	58·0	57·9	56·1	55·2	54·0	10
11	51·7	50·0	49·3	48·2	48·0	47·8	48·6	50·2	52·3	56·0	62·6	65·2	68·0	68·9	69·1	69·6	69·8	65·4	61·0	57·7	57·2	55·9	54·1	54·0	11
12	52·8	51·9	50·1	48·7	48·9	49·9	51·2	54·0	59·6	63·3	64·9	64·0	66·2	65·8	66·0	61·7	60·9	58·0	56·7	54·0	52·7	51·6	50·8	50·1	12
13	49·7	48·3	47·4	47·0	45·9	45·6	47·6	50·6	54·6	56·9	59·1	60·7	62·7	62·6	64·0	64·0	63·2	60·3	56·0	53·9	52·2	50·9	50·0	49·8	13
14	48·2	47·9	47·1	46·6	46·2	46·0	45·9	50·8	55·2	56·5	59·6	61·8	64·2	65·5	66·7	67·5	66·8	63·4	60·6	59·6	58·0	57·0	56·0	55·9	14
15	55·5	56·0	56·3	56·7	55·4	54·5	55·1	58·0	60·0	62·1	62·6	63·7	64·9	63·2	62·2	61·8	61·9	61·6	62·0	60·0	60·3	57·0	57·0	56·2	15
16	55·0	53·1	51·8	50·9	51·5	51·2	53·3	55·0	57·0	58·0	58·0	59·5	60·4	60·5	61·2	59·8	59·8	57·1	54·5	54·0	53·3	52·1	52·0	51·1	16
17	51·0	52·0	52·0	52·1	52·6	54·8	56·0	57·1	60·8	60·9	61·8	63·9	64·3	64·3	65·0	64·1	63·2	62·9	61·6	60·7	60·5	61·0	61·0	61·1	17
18	61·1	61·1	61·2	61·1	61·6	62·0	61·6	61·6	61·5	61·5	62·0	59·7	60·1	60·0	60·0	58·7	56·0	54·2	52·3	51·0	49·8	49·1	48·9	48·9	18
19	48·0	47·6	46·9	46·2	46·6	46·0	48·5	51·0	53·4	55·1	57·0	55·7	58·1	59·0	56·0	56·1	57·0	54·5	52·7	51·8	51·8	52·1	52·5	53·0	19
20	52·0	51·0	49·6	48·1	47·0	46·0	46·0	48·2	50·8	53·1	54·5	56·0	56·9	56·0	56·0	56·9	54·0	52·6	51·7	50·0	48·0	47·0	45·9	44·7	20
21	42·4	41·6	41·3	41·3	42·7	43·0	43·5	45·0	48·2	51·2	56·0	55·6	57·0	57·0	58·0	57·5	53·8	51·5	47·0	44·9	46·0	45·9	47·3	48·3	21
22	49·0	47·9	49·1	48·9	46·5	47·8	49·3	53·0	53·9	56·0	57·0	56·0	55·7	56·8	57·4	56·2	55·0	54·1	53·7	53·0	51·8	52·0	52·1	51·8	22
23	51·9	50·9	48·8	46·5	46·0	46·0	46·2	47·3	48·9	50·7	53·0	55·2	56·6	56·1	57·1	57·0	54·1	51·9	49·7	46·8	44·9	43·0	42·1	42·0	23
24	39·3	39·5	38·4	38·6	37·7	37·0	37·2	40·0	43·8	46·2	52·0	55·8	56·8	57·3	57·9	58·3	56·6	54·8	52·4	51·1	50·0	48·5	46·9	46·6	24
25	46·1	44·6	44·4	44·2	42·7	42·5	44·7	50·9	54·0	54·6	56·2	56·4	56·8	57·9	57·0	57·5	58·0	58·0	57·9	57·5	53·0	52·2	52·0	50·0	25
26	47·9	46·2	45·8	44·3	43·7	42·9	43·5	45·5	49·0	52·1	54·2	56·0	57·1	58·0	59·0	57·9	56·6	52·5	49·0	47·4	46·9	46·0	45·0	44·0	26
27	44·0	44·0	44·4	44·3	45·0	44·9	47·5	51·5	54·0	57·5	58·6	58·5	58·2	58·1	59·0	59·0	58·8	58·9	59·0	58·8	57·6	57·5	56·2	55·8	27
28	56·8	55·9	56·1	55·8	55·4	55·4	56·1	57·6	59·1	60·5	61·6	62·9	64·0	65·8	64·0	63·7	63·1	61·6	58·0	57·0	56·1	54·1	53·8	53·1	28
29	52·4	51·7	50·5	50·3	50·2	49·9	50·2	51·0	51·7	53·9	55·0	57·2	59·8	61·2	63·7	63·5	62·3	58·4	55·7	55·0	52·3	51·9	50·7	50·0	29
30	50·1	50·1	49·5	54·5	56·0	57·4	57·1	56·5	58·0	59·0	59·2	60·0	61·0	61·3	60·8	60·2	59·1	58·4	56·1	55·2	54·0	54·0	53·0	52·1	30
31																									31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
56·8	56·4	56·1	56·0	55·5	55·0	54·7	55·2	56·1	55·5	55·9	56·0	56·5	56·6	56·8	57·3	57·1	57·0	57·0	56·9	57·0	56·9	55·0	54·0	1
53·7	53·1	53·1	53·0	53·1	53·9	54·3	54·4	54·7	53·7	54·4	54·2	56·0	56·6	56·9	56·2	57·0	56·2	56·2	53·9	53·2	53·0	52·6	52·0	2
51·6	51·6	51·0	50·0	50·1	49·8	53·0	55·9	57·6	58·0	59·4	58·6	61·0	61·5	61·9	62·2	61·9	61·0	59·5	58·1	57·0	55·8	55·0	54·1	3
52·8	52·0	52·4	50·9	50·0	50·8	52·5	54·9	58·5	61·4	62·3	62·6	63·0	63·3	62·5	60·1	58·6	59·0	58·9	58·9	58·7	58·8	58·8	58·9	4
59·0	59·0	58·5	59·0	59·1	58·9	60·1	61·0	62·2	63·9	65·2	65·9	66·0	66·0	65·9	64·6	64·2	64·0	63·3	62·6	62·5	61·7	61·2	61·0	5
60·5	60·0	59·2	58·2	57·7	56·9	57·3	56·5	57·2	58·4	60·6	62·1	62·0	63·6	63·8	63·7	63·5	62·7	61·2	60·1	59·0	57·6	56·3	54·5	6
54·9	54·0	52·4	51·9	51·2	50·1	52·7	55·6	59·0	60·9	62·2	63·2	63·1	64·0	65·0	65·0	64·0	61·0	58·7	60·1	60·2	58·6	57·3	56·5	7
59·5	58·4	57·0	57·0	56·1	57·0	58·4	59·1	59·2	60·5	62·4	62·7	61·1	62·0	61·6	61·5	61·1	60·0	58·4	58·0	57·3	56·5	55·6	54·9	8
54·1	54·0	53·9	54·6	55·0	54·6	56·3	57·3	58·7	59·0	60·1	60·0	61·0	60·0	60·8	61·1	61·8	60·9	60·6	60·8	60·8	60·8	60·5	60·2	9
58·4	54·1	53·0	50·9	51·0	50·0	50·9	51·5	53·0	55·0	56·7	57·5	58·0	58·3	57·9	58·0	58·8	58·5	57·5	56·0	55·7	55·0	54·6	53·5	10
51·1	49·9	49·2	48·1	48·0	47·7	48·4	50·1	52·1	55·0	59·0	61·0	62·9	63·0	62·5	62·0	61·1	60·9	59·1	57·0	56·7	55·2	53·9	53·8	11
52·7	51·8	50·0	48·6	48·7	49·9	51·0	53·6	57·3	58·0	60·0	59·7	60·0	59·4	55·7	53·9	51·1	50·4	50·3	49·0	48·6	48·0	47·9	47·8	12
47·7	46·3	45·8	45·3	44·7	44·2	45·7	47·8	50·0	50·5	52·0	53·0	54·0	54·0	55·0	54·9	55·7	55·1	55·3	52·2	51·6	50·1	49·6	49·0	13
48·1	47·7	47·0	46·6	46·2	45·0	45·6	49·5	52·0	53·2	55·0	56·7	58·1	59·0	60·2	61·0	61·8	60·1	58·8	58·0	57·0	56·1	55·6	55·3	14
55·2	55·4	55·8	55·3	54·2	53·3	53·3	54·7	56·0	57·0	58·0	58·0	57·6	56·0	56·3	56·0	56·8	57·0	57·4	58·1	59·0	56·0	55·4	51·2	15
50·1	47·2	47·6	48·0	48·0	48·4	49·6	50·3	51·9	51·0	49·6	49·4	50·5	50·0	50·9	49·1	50·9	50·4	49·9	49·8	49·9	49·1	49·0	48·9	16
49·0	49·7	50·0	50·2	50·8	51·6	53·1	54·1	56·3	56·9	57·9	59·3	59·9	60·3	61·0	60·6	60·5	60·0	59·2	58·6	58·4	58·9	59·2	59·5	17
59·7	59·9	60·0	60·3	60·7	60·7	60·9	61·0	60·8	60·6	60·6	58·0	57·2	55·5	55·5	52·3	51·1	50·0	49·1	49·0	48·0	47·6	47·5	46·4	18
45·9	46·0	44·9	44·6	44·2	44·1	44·5	44·7	47·9	48·6	51·0	50·7	52·6	52·1	51·3	52·1	51·9	50·9	50·1	50·0	50·0	50·5	51·0	51·8	19
51·1	50·2	49·1	48·0	47·0	46·0	46·0	47·0	48·1	49·0	49·3	50·2	50·2	50·5	50·4	50·5	49·0	49·1	49·0	48·0	47·0	46·0	45·0	44·2	20
42·3	41·2	41·3	41·1	42·5	42·8	43·1	44·6	47·0	48·8	48·7	48·8	49·0	49·3	49·6	49·9	49·5	49·3	46·0	43·9	45·5	45·1	45·9	46·2	21
47·1	46·6	47·0	47·0	46·1	45·8	47·4	50·6	51·1	53·2	53·1	52·3	52·0	51·6	52·0	51·0	51·0	50·5	50·5	51·0	51·0	51·1	51·7	51·0	22
51·6	50·7	48·7	46·0	46·0	46·0	46·0	47·0	48·0	49·1	51·0	50·9	51·1	51·0	50·9	50·5	49·0	47·8	46·3	44·7	43·0	42·1	42·0	42·3	23
39·3	39·3	38·4	38·6	37·7	37·0	37·2	39·8	43·2	45·6	50·3	50·0	50·4	50·0	52·0	52·2	53·1	50·9	50·1	49·7	48·8	47·2	46·0	45·8	24
45·6	44·4	44·3	43·4	41·8	42·2	42·6	44·5	49·5	52·0	52·2	53·7	53·6	53·9	55·0	55·7	56·0	56·8	56·6	56·8	57·0	51·6	51·1	50·1	25
46·5	45·1	45·0	43·7	43·0	42·1	42·6	44·1	46·7	48·5	48·5	48·1	48·9	49·1	50·5	50·0	49·9	49·1	47·0	46·0	45·1	44·6	43·8	43·1	26
43·1	43·1	43·4	42·3	44·0	44·0	46·5	49·6	51·0	53·0	54·1	54·5	54·5	54·6	55·9	56·1	56·6	56·6	57·0	56·7	56·0	56·0	55·1	55·0	27
54·9	55·0	55·1	54·9	54·6	54·6	55·2	56·2	57·5	58·0	59·0	59·6	60·1	60·2	60·0	60·0	59·0	56·9	56·2	55·3	55·0	53·1	53·1	53·0	28
52·1	51·4	50·1	50·0	50·0	49·8	50·0	50·8	51·1	53·1	54·0	56·0	57·4	58·5	59·0	58·9	58·7	56·8	55·0	54·4	51·8	51·6	50·1	49·8	29
50·0	50·0	49·0	54·0	55·1	56·2	56·0	55·0	53·2	52·7	53·0	53·0	53·1	52·9	53·0	52·8	51·7	51·6	51·1	51·8	51·0	51·1	50·8	50·2	30
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† Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT 51°28′ N. LONG: 0°19′ W.

HOURLY VALUES September 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N}

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	23	8·5	23	7·5	23	7·5	23	5·5	26	8·5	26	8·5	26	8·5	28	8·5	26	10·5	26	10·5	27	10·5	26	10·5	26	11
2	25	3	25	4	25	4	25	4	25	3	25	3	25	3	25	4·5	26	6·5	26	4·5	25	5·5	25	6·5	23	6·5
3	24	5·5	24	4·5	24	3	24	4	24	4	24	4·5	24	4·5	22	7·5	20	10·5	20	10·5	19	10·5	18	10·5	19	10·5
4	19	1·5	19	2	19	2	19	1·5	19	2	19	1·5	19	2	19	2	19	3	19	4·5	9	8·5	10	10·5	9	9·6
5	7	4·5	7	2	7	4	7	4·5	7	3	7	2	7	3	7	2	7	2	7	2	7	4	7	3	7	4
6	18	5·6	18	4·5	18	4·5	18	3	18	3	16	4	20	6·5	23	9·5	24	6·5	23	7·5	22	5·6	21	7·6	24	8·5
7	23	2	23	3	23	3	23	1·5	23	1·5	23	1·5	23	2	23	3	23	4	20	5·5	20	6·5	19	6·5	18	7·5
8	22	3	22	2	22	2	22	1·5	22	4	22	3	22	4	22	5·5	22	4·5	22	4·5	22	5·6	25	8·5	28	4
9	29	2	29	4	29	4·5	29	4·5	29	4	29	3	29	4	29	4	29	6·5	23	7·5	24	10·5	24	8·5	23	10·5
10	29	7·5	29	4·5	29	2	29	3	29	3	29	4	29	4	29	6·5	29	4·5	29	6·5	30	5·5	30	6·5	31	6·6
11	5	1·5	5	1·5	5	1·5	5	1·5	5	2	5	2	5	1·5	5	2	5	2	5	3	4	4	16	6·5	17	4·6
12	21	3	21	3	21	3	21	2	21	2	21	3	21	4	21	5·5	21	9·5	24	10·5	24	11	24	11	25	16
13	30	7·5	30	5·5	30	7·5	30	6·5	30	5·5	30	4·5	30	7·5	30	6·5	31	9·5	31	7·5	30	7·5	30	5·5	29	6·5
14	29	2	29	4	29	4	29	3	29	2	29	2	29	4	25	6·5	23	5·5	23	6·5	26	7·5	24	6·5	24	7·5
15	22	4·5	22	5·5	20	8·5	19	7·5	19	8·5	19	8·5	19	10·5	20	14	19	17	19	19	19	20	19	24	19	27
16	23	1·5	24	1·6	21	1·5	20	1·2	21	1·8	21	1·9	20	2·0	21	2·1	22	2·2	25	2·1	25	2·7	26	2·4	26	1·8
17	22	6·5	22	8·5	21	9·5	20	8·5	19	10·5	20	1·4	20	1·3	20	1·2	21	2·1	21	1·5	21	1·7	21	1·7	22	2·0
18	19	2·2	19	2·0	18	2·2	19	2·4	20	2·5	19	2·4	19	2·2	21	1·6	21	1·0·5	21	1·0·5	19	1·3	24	1·2	25	9·5
19	21	1·1	21	1·1	21	9·5	21	9·5	21	9·5	21	9·5	21	1·3	21	1·6	23	1·7	23	1·5	22	1·6	22	1·8	21	1·6
20	22	4·5	22	4	22	4	22	4·5	22	4	22	3	22	4	22	7·5	22	7·5	26	5·5	29	8·5	28	8·5	29	9·5
21	1	4	1	2	1	3	1	4	1	4	1	3	1	4	1	3	1	4	28	6·5	25	7·5	28	5·5	28	6·5
22	28	3	28	4·5	28	4·5	28	2	28	4·5	28	5·5	28	4	28	6·5	17	10·5	16	9·5	16	14	17	18	17	11
23	16	5·5	18	5·5	18	4	18	4·5	18	3	18	3	18	4	19	6·6	20	4·5	20	4·5	20	6·5	26	4·6	26	5·5
24	27	2	27	3	27	3	27	3	27	3	27	4	27	3	27	5·6	25	5·5	21	6·5	27	6·5	27	6·5	27	6·5
25	27	4·5	27	5·5	27	4	27	2	27	2	27	1·5	27	2	22	6·5	18	9·5	18	8·5	19	12	18	16	18	19
26	31	4	31	4	31	6·5	31	3	31	4	31	4	31	5·5	31	4·5	28	4·5	28	6·5	26	7·5	25	10·5	26	10·5
27	25	5·5	25	6·5	26	3	25	3	25	3	25	4	25	4·5	23	8·5	21	9·5	20	10·5	21	9·5	21	9·5	19	10·5
28	20	4·5	20	4·5	20	3	20	4·5	20	4·5	20	5·5	20	6·5	20	6·5	20	8·5	22	7·5	22	7·5	22	6·5	22	4·6
29	22	5·5	22	3	22	2	22	2	22	3	22	4	22	4	22	4·5	22	4	22	4·5	22	4	22	4	22	4
30	22	2	22	3	22	4·5	16	10·5	16	10·5	18	15	20	15	21	17	22	21	23	19	23	20	23	24	23	23
31																										

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	26	10·5	27	8·5	28	7·5	25	7·5	25	5·5	25	3	25	3	25	3	25	4	25	3	25	4	1
2	21	5·6	26	8·5	24	4·5	24	3	24	4	24	3	24	3	24	3	24	4·5	24	4	24	4·5	2
3	18	10·5	20	10·5	19	8·5	19	6·5	19	5·5	19	4	19	5·5	19	4·5	19	2	19	1·5	19	2	3
4	8	1·5	8	1·4	7	1·5	7	1·2	8	1·2	8	10·5	7	11	8	9·5	7	8·5	7	9·5	7	5·5	4
5	17	5·5	18	5·5	18	8·5	18	7·5	18	5·5	18	4	18	4·5	18	5·5	18	5·5	18	5·5	18	5·5	5
6	26	6·5	24	8·5	23	7·5	23	9·5	23	4	23	4	23	4	23	4·5	23	3	23	1·5	23	3	6
7	22	4	22	4	22	4	22	2	22	1·5	22	3	22	3	22	4·5	22	3	22	3	22	3	7
8	28	6·5	28	4	28	4	29	4·5	29	3	29	3	29	4	29	3	29	4·5	29	4	29	4	8
9	24	10·5	23	8·5	23	5·5	23	6·5	23	6·6	24	5·5	24	4·5	24	4·5	24	4	24	3	24	4·5	9
10	32	6·5	31	6·5	2	7·5	2	4·5	2	3	2	3	2	7·5	5	7·5	6	4·5	5	3	5	2	10
11	17	4·5	18	5·5	21	4	21	3	21	1·5	21	2	21	4	21	4·5	21	4	21	4·5	21	4	11
12	29	11	28	13	29	14	29	15	30	14	30	7·5	30	4	30	4·5	30	5·5	30	6·5	30	5·5	12
13	28	7·6	29	7·5	29	6·5	29	5·5	29	3	29	2	29	2	29	3	29	4	29	3	29	4	13
14	24	7·5	23	6·5	24	6·5	23	5·5	22	5·5	22	4·5	22	4·5	22	4	22	4	22	5·5	22	4·5	14
15	19	28	19	29	19	30	19	29	19	34	18	30	19	30	23	19	22	17	23	17			15
16	24	21	24	25	26	1·5	24	11	24	7·5	23	6·5	22	8·5	22	8·5	22	4·5	22	7·5	22	8·5	16
17	20	1·5	21	1·9	20	1·5	20	10·5	19	1·7	20	1·8	19	1·6	20	1·9	20	1·8	19	1·6	20	2·0	17
18	25	1·1	25	1·2	25	1·4	25	1·1	24	1·1	23	10·5	23	10·5	22	10·5	22	10·5	21	9·5	21	1·1	18
19	21	1·8	22	1·1	21	1·1	20	1·3	21	7·5	20	1·1	19	1·1	19	10·5	19	1·3	19	7·5	19	7·5	19
20	31	10·5	31	10·5	1	8·5	1	4·5	1	4·5	1	5·5	1	3	1	3	1	2					20
21	28	4·5	28	4·6	28	3	28	2	28	2	28	3	28	1·5	28	3	28	4	28	4·5	28	5·5	21
22	16	13	16	15	15	12	13	10·5	13	10·5	14	9·5	14	13	15	10·5	15	10·5	16	11	16	8·5	22
23	26	5·5	28	7·5	27	5·5	27	4·5	27	4	27	3	27	3	27	3	27	3	27	2	27	3	23
24	27	6·5	27	6·5	27	2	27	1·5	27	2	27	4	27	5·5	27	4·5	27	4·5	27	5·5	27	7·5	24
25	18	9	18	8·5	19	7·5	19	10·5	19	11	20	13	30	9·5	31	4·5	31	4·5	31	6·5			25
26	26	11	24	8·5	26	8·5	25	5·5	25	4	25	4	25	5·5	25	5·5	25	4·5	25	6·5	25	5·5	26
27	19	10·6	19	7·5	19	7·5	20	8·5	20	9·5	20	6·5	20	7·5	20	6·5	20	7·5	20	5·5	20	4	27
28	22	4·5	22	5·5	22	5·5	22	4	22	4	22	4·5	22	3	22	4·5	22	2	22	4	22	4	28
29	23	3	22	3	22	2	22	1·5	22	2	22	2	22	2	22	2	22	2	22	3	22	4	29
30	24	25	24	21	24	21	24	16	24	17	24	11	24	10·5	24	12	24	8·5	24	5·5	24	4·5	30
31																							31

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·	Dew ·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·
7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
8	·	·	·	·	·	·	·	·	·	·	·	·	·225	·005	·	·	·005	·	·	·	·	·	·	·
9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
11	·	·	·	·	·	·	·	·	·	Dew ·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·
12	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·	·	·	·	·	·	·	·	·	·
13	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
14	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
15	·	·	·	·	·	·	·	·	·	·010	·	·	·	·	·	·	·	·	·	·	·	·005	·095	·
16	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
17	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
18	·	·	·	·035	·005	·010	·030	·050	·085	·030	·005	·050	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
20	·235	·025	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
21	·	·	·	·	·	·	·	·	·	·010	·	·	·	·	·	·	·	·	·	·	·	·	·	·
22	·	·	·	·	·	·	·	·	·	·	·	·	·005	·	·	·	·	·	·	·	·	·075	·005	·030
23	·005	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010	·	·	·	·	·	·	·
24	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
25	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·005	·	·	·	·	·025	·005	·
26	·	·	·	·	·	·	·	·	·	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·
27	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
28	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
29	·	·	·	·	·	·	·040	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
30	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
31																								
…	·040	·030	…	·035	·005	·020	·070	·050	·085	·030	·005	·050	·230	·015	…	·005	·015	…	…	…	·105	·105	·030	…
…	2	2	…	1	1	2	2	1	1	1	1	1	2	2	…	1	2	…	…	…	3	3	1	…

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	430	423	421	421	404	394	391	389	386	390	388	384	394	390	393	403	402	410	419	423	433	443	392	374
2	369	364	367	365	374	390	389	374	361	326	334	329	351	356	344	356	378	367	392	394	384	387	381	374
3	374	374	365	368	366	350	388	418	431	427	434	412	454	456	461	462	471	462	467	449	442	428	426	417
4	344	385	393	371	361	370	389	423	466	498	500	463	483	488	471	429	407	432	447	449	451	458	466	473
5	430	485	482	487	488	495	508	520	527	561	576	583	600	576	559	566	561	551	550	546	549	530	520	519
6	517	508	494	480	473	463	467	452	457	472	490	506	480	499	487	484	483	489	494	486	479	468	445	418
7	440	418	389	387	373	361	395	435	473	482	496	484	482	479	494	516	542	542	486	472	498	510	513	490
8	496	480	461	462	445	459	480	481	482	504	526	502	521	503	470	486	495	479	463	467	460	450	437	430
9	520	418	415	424	433	430	445	458	471	460	467	457	461	428	443	456	491	475	480	497	500	504	504	502
10	433	369	361	323	347	339	332	335	347	369	398	407	410	394	390	378	400	405	435	421	414	418	418	403
11	408	358	349	335	335	330	337	361	387	419	448	475	498	488	471	450	423	469	473	455	453	426	413	412
12	417	384	360	342	341	359	371	406	437	411	448	452	432	396	387	324	310	298	295	317	302	306	301	306
13	395	289	288	282	281	273	283	298	305	295	307	314	331	378	328	326	352	369	373	367	374	352	350	337
14	435	328	322	318	313	299	302	338	347	363	373	393	404	412	433	447	480	472	470	459	451	437	437	429
15	432	431	438	418	404	390	382	385	395	398	419	406	382	359	378	374	395	403	410	456	480	434	417	319
16	444	260	281	300	293	306	309	309	325	296	267	252	265	255	266	244	278	290	304	306	316	312	310	320
17	423	328	335	339	348	350	368	379	393	408	426	441	454	466	478	479	487	475	468	462	459	467	477	486
18	492	498	500	511	517	510	524	527	522	515	507	457	428	382	382	306	292	295	288	307	299	302	309	286
19	483	268	274	276	262	267	277	278	271	271	304	312	331	310	324	342	325	328	329	338	338	347	354	369
20	444	353	343	334	323	311	311	307	303	298	291	299	288	306	304	295	288	306	314	309	309	298	288	284
21	469	254	260	255	270	273	273	289	307	315	274	272	263	269	267	277	301	325	298	274	299	290	292	287
22	500	300	297	299	283	287	304	337	338	370	354	348	343	321	323	314	325	321	326	347	364	364	379	364
23	478	367	343	305	311	311	308	319	323	329	347	321	309	316	301	302	321	311	308	309	293	277	268	267
24	441	238	232	234	226	220	222	243	272	299	343	296	294	281	319	320	360	325	333	340	329	309	299	298
25	500	290	290	263	269	272	291	337	360	359	380	375	377	394	425	428	445	439	446	452	361	361	338	309
26	498	287	289	277	269	258	261	272	291	298	276	256	260	258	277	276	286	307	298	293	278	278	271	267
27	467	267	269	261	275	276	304	332	334	347	362	374	380	382	404	410	427	426	436	430	426	428	419	422
28	449	420	421	419	416	416	424	432	451	446	462	463	464	483	467	458	473	470	448	440	427	387	394	401
29	435	376	358	357	358	357	358	369	368	392	403	431	438	452	435	434	443	439	423	415	379	378	355	356
30	440	360	341	411	422	435	433	358	347	323	328	321	313	306	313	315	301	305	318	342	334	337	342	339
31																								

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W

HOURLY VALUES October 1878.

BAROMETER.

CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·007	30·012	30·019	30·032	30·037	30·052	30·062	30·084	30·089	30·104	30·100	30·107	30·109	30·118	30·116	30·119	30·114	30·126	30·138	30·149	30·149	30·155	30·154	30·158	1
2	·160	·146	·140	·135	·132	·133	·130	·133	·136	·131	·128	·116	30·112	30·113	30·103	30·086	30·089	30·099	30·099	30·093	30·089	30·095	30·093	30·081	2
3	30·079	30·070	30·056	30·047	30·043	30·037	30·038	30·043	30·029	30·026	30·022	30·008	29·989	29·965	29·946	29·925	29·916	29·914	29·909	29·906	29·895	29·886	29·874	29·867	3
4	29·858	29·848	29·836	29·848	29·860	29·879	29·899	29·907	29·909	29·922	29·925	29·925	·910	·908	·886	·866	·867	·869	·860	·859	·860	·863	·855	·855	4
5	·847	·841	·817	·797	·768	·769	·758	·763	·740	·739	·721	·706	·699	·695	·671	·660	·648	·647	·632	·601	·589	·566	·533	·507	5
6	·498	·471	·449	·438	·429	·409	·392	·385	·378	·372	·359	·350	29·330	29·322	29·303	29·284	29·265	29·257	29·237	29·227	29·203	29·195	29·156	29·134	6
7	29·101	29·074	29·058	29·040	29·037	29·037	·047	·063	·058	·056	·053	·031	28·994	28·949	28·875	28·822	28·775	28·746	28·728	28·742	28·747	28·759	28·763	28·774	7
8	28·814	28·858	28·892	28·927	28·965	28·995	·026	29·067	29·110	29·156	29·174	29·210	29·210	29·248	29·262	29·295	29·304	29·323	29·334	29·333	29·323	29·311	29·267	29·227	8
9	29·174	29·116	29·073	29·063	29·047	29·022	·008	28·992	28·966	28·946	28·898	28·867	28·832	28·774	28·709	28·683	28·635	28·586	28·525	28·479	28·496	28·564	28·618	28·667	9
10	28·744	28·812	28·874	28·945	28·986	·052	·098	29·169	29·218	29·288	29·333	29·393	29·424	29·476	29·505	29·550	29·575	29·614	29·640	29·680	29·702	29·731	29·758	29·789	10
11	29·807	29·833	29·848	29·865	29·891	29·912	29·932	29·954	29·976	30·008	30·014	30·040	30·037	30·055	30·054	30·079	30·083	30·103	30·105	30·116	30·130	30·143	30·153	30·155	11
12	30·165	30·162	30·163	30·165	30·153	30·162	30·152	30·149	30·147	30·140	30·131	30·128	30·121	30·108	30·090	30·071	30·063	30·046	30·045	30·030	30·016	30·004	29·988		12
13	29·970	29·954	29·923	29·918	29·895	29·883	29·871	29·866	29·862	29·858	29·857	29·846	29·832	29·806	29·780	29·760	29·739	29·730	29·732	29·722	29·711	29·702	29·688	·682	13
14	·675	·668	·655	·656	·648	·648	·632	·636	·644	·642	·634	·645	·623	·616	·601	·604	·599	·603	·611	·619	·654	29·689	29·718	·739	14
15	·769	·784	·795	·804	·824	·841	·857	·881	·905	·917	·914	·923	·930	·936	·949	·950	·953	·966	·981	·992	·999	30·004	30·005	·992	15
16	·978	·979	·970	·964	·964	·959	·965	·960	·961	·971	·962	·968	·954	·952	·941	·941	·932	·923	·924	·912	·906	29·906	29·889	·881	16
17	·866	·853	·831	·820	·805	·806	·807	·811	·817	·826	·821	·821	·811	·800	·797	·784	·788	·793	·796	·789	·770	·781	·757	·754	17
18	·733	·721	·682	·673	·662	·646	·636	·636	·627	·639	·622	·615	·606	·597	·598	·601	·602	·599	·591	·600	·597	·597	·592	·577	18
19	·563	·552	·543	·537	·529	·532	·534	·541	·547	·550	·549	·542	·536	·525	·522	·520	·518	·526	·529	·529	·533	·535	·537	·552	19
20	·550	·555	·561	·575	·588	·605	·618	·635	·647	·652	·647	·652	·645	·636	·630	·619	·628	·626	·631	·630	·626	·601	·587	·563	20
21	·551	·511	·481	·444	·408	·374	·337	·297	·261	·222	·167	·128	·130	·147	·134	·127	·129	·128	·131	·128	·135	·137	·117	·115	21
22	·111	·115	·108	·108	·110	·112	·125	·161	·196	·231	·256	·297	·305	·328	·334	·367	·377	·400	·417	·419	·422	·427	·432	·442	22
23	·441	·446	·445	·461	·460	·485	·491	·508	·523	·547	·548	·560	·553	·561	·568	·569	·560	·549	·542	·531	·527	·508	·485	·464	23
24	·436	·392	·361	·337	·318	·301	·301	·312	·339	·354	·356	·353	·340	·328	·323	·324	·320	·327	·332	·335	·333	·333	·324	·328	24
25	·322	·323	·318	·317	·333	·333	·322	·327	·323	·310	·287	·268	·247	·221	·203	·166	·130	·085	·046	·024	·012	·016	·016	·033	25
26	·066	·091	·107	·115	·133	·145	·167	·204	·221	·246	·271	·291	·291	·308	·320	·349	·364	·405	·437	·471	·481	·505	·513	·539	26
27	·561	·589	·614	·642	·671	·700	·717	·756	29·776	29·803	29·811	29·831	29·837	29·844	29·853	29·861	29·878	29·892	29·907	29·918	29·937	29·944	29·949	29·952	27
28	29·950	29·948	29·947	29·952	29·953	29·962	29·981	29·998	30·012	30·031	30·036	30·042	30·054	30·059	30·059	30·070	30·083	30·101	30·118	30·131	30·135	30·146	30·143	30·152	28
29	30·157	30·146	30·132	30·139	30·124	30·120	30·107	30·114	·115	·113	·100	·091	·074	·055	·052	·067	·075	·093	·101	·122	·132	·139	·140	·143	29
30	·142	·143	·136	·130	·129	·137	·138	·145	·145	·157	·146	·152	·137	·125	·118	·118	·116	·119	·124	·124	·128	·130	·127	·128	30
31	30·131	30·128	30·124	30·122	30·118	30·120	30·127	30·135	30·132	30·145	30·146	30·141	30·132	30·123	30·109	30·113	30·114	30·123	30·124	30·135	30·140	30·149	30·149	30·150	31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	52·9	49·7	49·1	47·8	48·1	47·8	48·5	50·8	53·2	55·8	58·0	58·7	58·7	58·8	58·8	58·8	59·6	57·8	55·1	53·5	52·3	50·3	50·4	50·7	1
2	51·0	49·7	50·5	50·6	51·4	50·1	52·0	54·2	55·6	56·9	58·4	58·8	59·4	60·0	60·0	59·8	58·9	58·2	57·7	57·6	57·7	57·5	57·8	57·5	2
3	57·5	57·5	57·3	57·0	56·1	55·8	55·5	56·3	57·9	59·1	60·3	61·0	61·4	61·2	60·8	60·5	60·0	58·9	58·3	57·4	57·7	58·1	58·3	58·4	3
4	58·5	58·5	58·9	58·3	58·7	57·6	57·3	57·9	58·7	59·7	60·5	61·9	63·2	63·4	62·8	60·9	60·5	60·3	59·9	59·4	59·4	59·5	59·4	59·5	4
5	59·4	59·5	58·9	59·0	58·8	58·3	58·8	59·9	61·5	62·1	63·1	63·5	63·7	61·9	61·5	60·7	60·6	60·6	60·2	60·4	60·6	60·3	60·6	60·2	5
6	60·0	59·6	59·6	59·9	59·3	59·2	59·3	59·5	60·0	60·0	61·5	61·8	61·2	61·6	62·5	61·6	60·8	59·8	59·6	59·1	58·9	58·6	58·3	58·1	6
7	58·1	57·3	57·4	57·6	57·8	57·1	57·6	57·8	58·1	58·9	59·6	60·0	56·8	57·1	56·5	54·9	54·9	55·1	54·4	54·6	55·1	55·2	54·7	54·6	7
8	55·7	56·0	55·6	55·7	55·1	55·4	56·3	56·1	57·2	57·0	58·9	56·9	56·3	57·8	57·6	56·9	55·5	55·4	55·0	55·2	55·8	56·0	56·6	56·1	8
9	57·2	57·5	58·1	58·9	58·9	58·7	58·5	58·6	59·1	59·4	58·7	58·9	59·0	58·7	58·7	57·6	57·9	57·4	57·3	57·4	58·0	57·3	57·5	57·2	9
10	56·8	57·3	55·8	56·3	56·0	55·7	55·9	56·0	53·8	53·5	54·9	54·7	53·2	53·2	53·5	52·3	51·9	50·3	50·0	51·0	49·2	50·4	51·6	49·8	10
11	48·8	50·7	50·6	50·8	49·9	49·7	50·8	51·3	52·6	54·6	54·0	54·9	55·0	55·2	54·4	55·0	54·2	51·3	47·9	46·8	46·1	45·8	45·0	44·3	11
12	45·0	45·5	46·9	47·9	49·3	50·0	49·8	50·8	53·5	54·3	56·3	56·9	56·7	57·0	57·9	57·2	56·8	56·4	56·5	56·4	56·6	56·4	56·3	56·4	12
13	56·4	56·1	56·3	56·4	56·4	56·4	56·5	56·6	56·9	56·8	57·0	57·0	57·2	57·3	57·4	57·6	57·5	57·5	57·4	57·5	57·8	57·8	57·8	57·7	13
14	57·8	57·6	56·8	57·2	57·2	57·3	57·6	56·9	57·4	57·6	58·6	58·9	58·9	58·8	58·7	58·4	57·3	57·2	57·3	57·1	57·0	51·4	51·0	51·4	14
15	51·9	52·0	52·2	52·3	51·7	51·5	51·6	52·2	53·1	54·0	54·6	54·9	54·3	53·1	52·3	52·4	52·7	52·7	53·0	53·4	53·5	53·0	53·0	52·2	15
16	52·5	51·1	50·3	51·9	52·4	53·0	53·8	53·8	54·7	54·9	55·9	57·5	57·7	57·4	56·8	56·8	55·5	54·4	54·1	54·2	54·9	55·6	55·4	55·9	16
17	56·0	56·3	56·9	56·5	56·3	56·4	56·3	56·3	56·3	56·6	56·9	57·7	59·4	58·9	58·5	57·7	56·6	55·9	54·6	54·2	53·5	53·6	53·7	52·3	17
18	52·9	53·8	53·8	54·3	53·7	55·8	56·7	57·0	57·6	58·8	60·3	62·3	61·9	61·4	59·9	58·6	57·6	57·0	56·3	55·9	55·8	55·6	55·5	55·0	18
19	55·0	54·4	54·5	54·9	55·1	55·3	55·7	55·8	56·5	58·2	59·7	60·5	58·8	57·3	56·6	57·2	57·8	57·6	57·1	56·7	56·6	56·1	56·3	56·1	19
20	56·3	56·2	56·4	56·5	56·7	56·6	56·3	56·6	56·6	57·2	58·3	58·1	58·6	58·7	57·4	56·4	56·1	55·7	53·9	53·1	53·5	52·4	52·5	52·5	20
21	52·2	52·4	53·2	53·2	53·5	53·7	54·0	54·3	54·6	55·0	55·0	55·3	52·7	51·7	49·9	49·9	48·8	49·2	49·3	49·2	46·5	46·1	48·2	48·6	21
22	49·3	48·7	48·5	47·0	46·4	48·3	48·9	50·1	50·7	51·5	49·9	47·2	46·9	49·4	49·7	49·1	46·1	44·7	45·2	43·6	47·6	47·3	46·9	48·1	22
23	46·2	47·6	47·1	44·4	46·3	47·8	47·3	48·6	48·9	46·5	51·3	52·4	52·6	51·9	51·6	51·5	50·5	50·9	51·2	50·8	49·8	49·6	48·3	48·3	23
24	49·2	48·4	48·0	47·6	47·0	46·6	47·2	45·3	47·3	49·0	50·7	51·3	51·0	50·9	49·6	51·1	50·1	49·9	48·4	49·1	49·1	49·4	48·3	48·5	24
25	49·1	48·8	49·5	49·0	46·5	48·5	48·4	44·6	49·7	46·5	50·0	48·7	48·9	48·1	48·4	47·3	47·4	47·4	47·3	48·5	48·2	46·9	47·4	47·0	25
26	46·7	46·7	44·1	47·8	47·1	49·3	48·3	48·4	50·1	50·6	46·9	49·7	52·0	51·6	50·6	51·0	50·5	50·0	49·5	47·7	47·3	48·9	49·7	49·9	26
27	50·3	48·5	49·6	49·3	49·3	47·6	47·9	48·2	47·3	48·9	50·2	50·4	50·6	50·3	49·6	49·8	49·6	47·9	48·5	48·0	48·4	48·0	48·3	47·7	27
28	49·1	49·9	49·7	50·6	48·8	50·4	47·5	49·6	49·6	49·2	50·1	50·6	47·0	50·0	50·3	49·9	49·4	48·4	47·6	47·9	48·8	47·0	47·6	48·3	28
29	47·5	48·0	47·1	47·2	48·1	47·9	48·5	48·2	48·5	48·5	50·2	49·4	51·1	51·3	47·9	46·8	47·3	47·0	45·4	44·9	44·0	43·7	43·5	43·7	29
30	43·4	43·0	42·0	43·1	44·7	42·3	42·9	42·4	44·6	45·0	45·2	45·5	46·9	47·6	46·9	45·8	44·9	44·5	43·4	42·0	42·4	41·6	40·6	38·2	30
31	37·0	36·9	36·4	36·5	39·0	38·9	39·6	38·6	42·6	45·3	46·3	44·8	46·5	47·0	47·9	46·1	44·3	43·6	42·5	42·0	40·9	39·4	37·7	38·3	31

*Approximate.

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	51·8	49·1	48·7	47·1	47·6	47·3	48·3	50·3	52·9	54·8	55·0	53·3	52·9	54·3	54·6	53·9	54·7	52·6	51·4	50·9	49·4	49·5	49·0	49·3	1
2	50·0	48·7	49·1	49·2	49·4	48·8	50·6	52·2	53·5	54·6	55·9	56·0	56·9	57·8	57·6	57·5	57·4	57·0	56·9	57·0	56·9	56·3	57·1	56·7	2
3	56·4	56·4	56·1	55·8	55·0	54·4	53·9	54·2	55·5	56·7	57·6	58·2	58·5	58·0	57·7	57·6	57·0	56·4	56·1	56·1	56·7	57·3	57·6	57·7	3
4	57·8	57·9	58·4	57·7	57·4	56·9	57·0	57·1	57·6	58·1	58·8	59·8	60·5	60·6	59·6	58·9	59·5	59·6	59·1	58·7	58·6	58·1	58·1	58·1	4
5	58·1	58·0	57·8	57·8	57·2	56·6	56·2	57·0	57·9	58·7	59·0	60·1	60·6	59·9	59·8	59·4	59·5	59·4	59·7	59·8	59·8	59·4	59·7	59·4	5
6	59·3	58·6	58·6	58·8	57·3	57·3	57·8	58·0	58·1	58·6	58·7	58·8	58·6	58·6	58·9	58·0	58·0	57·1	57·1	56·7	58·4	56·5	56·1	56·1	6
7	55·9	56·0	56·1	55·9	56·0	55·5	55·3	55·9	55·7	56·6	57·1	57·3	55·9	55·7	54·5	54·0	53·7	54·0	54·3	54·3	54·3	54·4	53·5	53·0	7
8	53·9	53·8	53·5	53·5	53·9	53·8	54·0	54·8	54·7	55·1	54·9	55·1	54·7	55·0	55·2	54·9	54·8	54·0	52·2	52·6	52·2	53·7	53·8	54·3	8
9	56·3	56·8	57·2	56·9	56·5	56·6	56·0	56·0	55·9	56·4	55·7	56·0	56·1	55·4	55·7	55·8	55·6	55·6	55·9	56·5	56·4	56·4	56·3	55·8	9
10	54·7	54·8	54·0	53·5	53·3	53·1	52·7	52·4	51·5	51·5	50·9	50·5	49·6	48·8	48·2	48·0	46·9	46·0	46·4	46·5	45·0	46·3	45·0	45·5	10
11	45·6	45·0	45·5	44·3	44·9	45·0	46·0	46·6	47·3	49·1	48·0	49·0	49·2	49·4	48·8	49·6	49·0	47·0	44·9	44·6	44·2	43·8	43·2	43·2	11
12	43·5	44·6	45·2	46·7	48·0	48·5	48·6	49·2	51·6	51·9	52·9	53·9	53·8	54·6	55·5	55·5	55·3	54·9	54·8	54·8	54·8	54·7	54·6	54·6	12
13	54·5	54·5	54·5	54·5	54·5	54·6	54·6	54·6	54·7	55·1	55·1	55·2	55·5	55·5	55·6	55·7	55·6	55·3	55·6	55·9	56·2	56·2	56·3	55·9	13
14	56·1	56·0	55·9	56·0	56·0	55·9	56·2	56·0	56·1	55·9	55·9	55·9	56·1	56·6	56·2	55·9	55·9	55·9	56·1	56·2	56·3	50·3	49·6	49·3	14
15	49·6	50·0	50·1	50·2	50·0	49·7	49·9	50·4	51·0	51·6	51·9	51·7	52·1	51·6	51·4	51·7	51·7	51·4	51·7	51·9	52·0	52·0	51·9	51·3	15
16	51·5	49·9	49·4	50·2	51·1	51·4	52·0	52·0	52·9	53·4	54·7	55·1	54·8	54·4	53·3	52·9	52·2	51·4	51·4	51·9	52·6	53·1	53·6	54·2	16
17	54·6	54·9	55·0	55·0	54·9	54·9	54·7	54·6	54·7	54·6	55·1	55·6	56·5	55·9	55·3	54·8	54·0	53·4	51·7	52·0	51·4	51·6	51·3	50·7	17
18	51·0	51·6	51·9	52·6	54·1	54·3	54·7	55·3	55·7	56·4	57·4	58·9	57·2	56·6	55·4	54·6	54·0	53·5	53·2	52·9	52·8	52·5	52·6	52·2	18
19	52·4	52·5	52·6	52·9	53·6	53·9	54·3	54·6	54·9	55·2	54·8	54·5	54·8	54·9	55·4	56·6	56·6	56·5	56·1	55·8	55·3	55·5	55·7	55·2	19
20	55·6	55·7	55·7	55·7	55·9	55·6	55·5	55·6	55·5	55·5	55·9	57·1	56·6	57·0	57·3	56·4	55·9	55·4	54·7	53·1	51·9	51·1	50·6	49·7	20
21	48·4	48·8	50·0	50·9	51·9	52·0	52·6	52·9	53·1	53·6	54·6	54·9	51·9	49·9	48·4	47·0	45·7	44·0	44·9	44·5	42·6	42·1	43·7	44·4	21
22	44·6	43·9	43·8	43·2	44·5	45·5	45·3	46·0	46·6	46·7	45·5	44·8	44·3	43·9	43·5	43·6	42·2	41·2	41·8	41·9	42·9	42·8	42·3	43·5	22
23	42·9	43·1	43·5	42·3	44·4	44·3	43·0	43·6	44·9	45·0	43·8	44·6	47·0	47·2	46·4	46·5	47·2	47·2	47·2	46·6	46·9	47·2	47·1	47·2	23
24	46·9	47·2	46·7	46·2	46·0	45·3	45·1	43·3	44·6	43·8	44·9	46·7	48·6	48·2	46·9	47·2	46·8	46·6	46·2	45·8	45·7	45·0	45·3	45·4	24
25	45·1	45·2	45·0	45·4	44·5	45·0	45·0	45·6	44·2	44·9	44·5	44·6	45·5	45·1	45·9	45·2	45·9	45·9	45·9	47·0	46·0	45·6	45·6	45·2	25
26	44·3	43·9	43·3	44·6	44·9	46·3	45·1	45·3	47·1	47·1	44·5	45·9	48·1	47·0	47·6	47·5	46·7	45·0	45·0	44·2	44·8	45·9	46·6	46·3	26
27	46·9	45·6	45·7	45·0	44·4	44·1	44·1	43·9	45·1	45·7	45·9	47·1	46·2	46·6	45·7	45·2	44·3	44·9	45·0	45·2	44·9	44·9	46·0	46·0	27
28	45·8	45·4	46·3	46·6	47·5	46·3	44·8	45·4	44·7	44·5	44·8	46·3	44·3	45·9	45·8	44·9	44·9	43·9	44·1	43·3	44·1	43·6	43·7	44·0	28
29	44·0	43·4	43·6	43·7	44·4	44·9	45·5	45·1	45·9	45·0	46·4	47·2	47·7	47·8	46·6	44·9	44·1	41·7	41·7	44·0	40·6	40·4	40·2	39·9	29
30	40·6	40·1	40·2	40·4	40·4	38·9	39·0	39·0	39·0	40·1	41·5	41·9	42·7	42·8	43·0	42·3	41·9	41·3	40·7	40·2	40·8	39·6	39·0	39·9	30
31	36·0	35·9	35·7	35·5	36·9	37·4	38·0	37·4	40·9	42·0	42·9	41·5	42·9	42·7	43·2	42·2	41·4	40·9	40·3	40·0	39·3	37·6	36·4	36·4	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55'N. LONG: 10°18' W. HOURLY VALUES October 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	25	5.5	25	2	25	1.5	25	1.5	25	1.5	25	1.5	25	1.5	25	1.5	25	1.5	25	1.5	24	6.5	23	4.5
2	29	4	29	2	29	2	29	4	4	6.5	4	4	8	13	9	16	10	19	12	22	12	19	12	24
3	14	17	14	16	14	14	13	15	13	14	12	17	12	17	12	14	11	16	11	16	13	25	13	26
4	13	27	14	25	15	23	20	20	21	12	20	10.5	18	13	15	13	16	12	16	11	14	17	14	15
5	14	33	13	30	13	27	13	27	13	26	13	21	13	30	12	29	12	31	12	30	12	29	13	33
6	14	33	14	29	14	30	15	32	14	30	14	30	14	32	14	38	16	36	14	37	14	38	15	41
7	14	41	15	36	16	31	16	35	16	31	17	37	17	36	16	30	15	28	14	26	13	26	13	20
8	24	20	24	23	24	21	23	16	24	16	24	14	24	17	24	17	24	22	25	20	23	30	23	30
9	16	40	14	44	15	45	17	45	16	36	16	38	17	40	16	39	16	39	15	40	16	43	16	45
10	26	33	26	33	26	36	26	31	26	33	26	30	26	33	26	32	26	35	27	36	26	39	25	35
11	27	18	27	22	27	20	27	20	26	19	26	14	27	13	27	12	27	12	27	10.5	27	13	24	10.5
12	31	3	10	9.5	12	13	12	14	13	9.5	14	8.5	13	9.5	13	16	13	26	13	29	14	33	15	32
13	16	42	15	44	16	46	16	48	16	43	16	43	15	41	14	41	14	44	15	45	14	40	14	42
14	14	39	14	41	14	37	14	39	14	40	14	40	13	44	14	40	13	42	13	40	13	48	13	40
15	29	16	29	11	30	13	32	11	1	7.5	2	6.5	2	5.5	2	7.5	1	8.5	1	8.5	3	11	3	10.5
16	2	2	2	2	32	4	25	5.5	10	10.5	11	13	10	12	12	17	13	17	17	13	14	14	18	16
17	15	25	16	25	16	29	16	30	15	32	15	30	15	30	14	28	15	26	15	25	14	29	14	23
18	9	9.5	9	9.5	6	4	6	8.5	9	14	8	10.5	5	10.5	9	20	10	22	10	14	8	19	10	14
19	8	13	8	11	9	10.5	9	13	11	15	11	10.5	11	12	11	12	11	15	11	14	11	17	11	21
20	17	31	17	33	19	22	20	14	21	14	20	13	21	16	21	15	21	12	21	16	21	19	21	18
21	22	19	21	21	21	24	21	30	20	34	20	31	20	35	20	40	20	44	20	34	20	40	21	38
22	25	28	24	29	24	30	24	27	24	24	26	26	26	20	27	24	27	19	26	14	28	24	28	23
23	25	29	26	29	24	31	25	29	26	27	27	34	26	26	26	27	25	29	24	28	24	29	25	31
24	26	6.5	20	8.5	25	4.5	25	8.5	25	7.5	25	14	27	20	29	16	26	21	26	24	25	24	24	25
25	28	15	28	15	28	20	28	17	28	19	28	18	27	16	29	17	26	17	26	23	24	23	26	26
26	30	15	32	15	31	14	30	17	29	13	29	18	29	16	29	14	4	6.5	30	11	27	13	28	12
27	32	21	32	20	32	23	32	25	31	26	31	23	30	21	31	22	32	19	29	19	31	22	32	15
28	28	17	28	23	28	16	27	18	29	21	28	23	28	25	28	23	28	27	28	22	29	28	29	24
29	29	16	29	19	29	19	29	17	28	19	28	21	28	21	29	25	28	23	29	20	28	20	29	16
30	29	21	31	21	32	22	31	18	31	22	32	22	31	21	1	19	32	15	32	16	32	17	30	19
31	31	1.5	31	1.5	31	1.5	31	3	31	8.5	32	6.5	32	4.5	32	4	1	7.5	32	6.5	30	7.5	32	5.5

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	23	4.5	26	4.5	28	4.5	29	2	29	3	29	4.5	29	2	29	1.5	29	1.5	29	3	29	3	29	1.5
2	12	16	2	15	13	15	13	14	14	16	14	14	14	16	14	10.5	14	12	14	18	14	14	14	16
3	13	31	3	36	13	32	13	34	13	31	13	30	12	31	12	29	13	26	13	30	13	28	13	27
4	14	20	4	22	13	25	13	23	14	26	14	26	14	30	13	34	13	30	13	32	14	34	14	30
5	13	38	5	29	14	28	13	25	14	24	14	26	14	28	12	26	13	26	13	30	13	30	13	33
6	15	44	5	38	16	38	16	39	15	37	15	37	14	36	14	37	14	35	14	35	14	36	14	37
7	12	13	1	9.5	6	8.5	3	16	1	17	31	17	29	20	28	16	26	17	25	13	24	10.5	24	14
8	23	27	2	29	23	29	22	25	22	21	22	23	22	17	20	20	18	23	16	24	14	29	14	33
9	16	46	6	46	16	49	17	52	16	50	16	51	16	51	18	52	21	38	23	38	23	37	23	33
10	26	36	5	34	26	34	25	29	26	31	26	27	26	25	26	28	25	26	26	25	26	25	27	26
11	25	9.5	4	9.5	22	8.5	22	7.5	22	4	22	4	22	1.5	22	1.5	22	2	22	4	31	4	31	4
12	16	31	5	35	15	34	15	38	15	36	16	37	16	43	15	39	15	45	15	40	15	40	16	40
13	14	42	3	46	14	46	14	47	13	49	13	47	13	44	14	42	14	41	14	40	13	40	14	37
14	12	42	2	44	12	43	12	42	12	40	12	40	12	39	13	32	17	27	28	22	28	19	28	16
15	3	9.5	5	13	2	11	2	8.5	2	4	2	7.5	2	6.5	2	5.5	2	6.5	2	2	2	2	2	2
16	18	19	9	18	18	21	18	21	18	19	16	11	16	11	15	19	16	25	16	26	16	24	15	25
17	14	23	3	21	14	22	13	19	14	20	14	8.5	17	8.5	5	6.5	10	12	11	6.5	8	8.5	9	6.5
18	9	18	9	21	9	23	9	26	8	20	8	24	9	26	9	24	9	23	9	17	8	17	8	17
19	11	26	1	22	9	17	12	23	13	20	13	26	13	26	13	30	13	34	13	30	15	30	17	30
20	21	16	21	16	21	14	22	14	22	16	22	14	26	16	26	15	25	9.5	25	9.5	23	10.5	23	13
21	24	28	25	22	25	24	26	23	24	21	26	20	25	20	25	20	25	20	24	26	24	26	24	21
22	26	26	26	30	27	30	28	30	27	27	25	23	25	29	26	30	25	30	24	30	24	34	25	31
23	24	31	24	30	24	30	24	24	23	24	23	22	22	26	22	24	23	18	23	12	26	8.5	26	4
24	23	24	5	22	24	25	25	27	26	23	26	19	25	15	26	17	26	15	26	17	27	16	28	15
25	25	24	6	23	25	21	23	16	23	17	23	19	22	14	24	12	26	5.5	27	9.5	29	10.5	30	16
26	28	16	9	18	30	15	30	19	31	17	31	19	1	14	32	16	1	15	31	19	31	20	31	21
27	31	19	0	16	30	17	30	17	30	15	29	15	28	13	30	12	29	9.5	30	16	29	15	29	15
28	29	28	9	26	29	24	29	26	30	26	31	22	30	22	31	24	30	21	31	19	29	19	31	16
29	29	18	8	17	31	21	32	18	31	24	31	26	31	24	32	23	32	20	32	20	32	19	31	20
30	30	18	0	23	29	20	31	21	30	19	32	16	32	20	32	12	32	12	31	4.5	31	2	31	1.5
31	32	4	2	3	32	4.5	31	6.5	32	9.5	29	10.5	29	10.5	5	10.5	10	3	2	5.5	2	2	2	4.5

1 day RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.001	.001	.001	.001	.001	.002	.002	.001																
2																								
3																						.015		
4	.017	.048	.028	.002	.002	.002	.002	.002											.030					
5			.018		.010	.002	.002													.020			.012	.002
6	.041																							
7		.050	.015	.007	.003	.028	.002				.010		.085	.010	.007	.143	.170	.112	.448	.200	.090			.002
8										.003		.002	.036	.007			.001	.004						.053
9	.033	.059	.033	.002							.005	.007	.013	.005	.112	.043	.005	.040	.113	.137		.005	.018	
10	.025		.012	.001	.002	.007	.002		.028	.005	.005	.035	.010					.025	.005	.003	.032		.003	.007
11	.025																							
12																								
13										.010		.010	.005											
14		.005	.033	.002				.040	.005								.020	.058	.037	.120	.090	.105	.028	.020
15													.008	.042	.015	.015								
16																								
17																								
18																								
19														.028	.010	.017		.003	.012	.010	.005	.013	.017	.005
20	.002	.003	.010	.002	.003											.050			.040		.002			
21	Total for 7 hours = 160								.058	.072	.145	.120	.130	.004	.018	.018	.072	.002					.002	.002
22	.004	.005		.005	.075	.010	.013					.108	.017	.005			.015	.007	.003	.045				
23	.010	.035		.005	.002		.010			.007	.015											.005	.035	
24			.030	.018	.015	.127	.018	.094							.025	.003	.002	.002	.020			.015	.023	.004
25		.008		.072	.006	.022		.005	.025	.005		.015	.008	.023	.085	.062	.050	.108	.012	.003	.065			.038
26	.007	.005	.048	.027	.020	.003	.013	.002	.003	.004			.020	.002	.003	.003	.002	.002		.023	.047	.008	.030	
27	.002	.088	.002	.003		.018	.003	.002	.040	.010											.015	.005		
28	.005		.002	.003	.008	.007	.002	.003		.008		.002	.012					.004					.004	.001
29	.001	.001	.007	.018	.005	.005	.018	.007	.005	.013					.080	.008	.002			.002	.002	.002	.002	
30		.002	.003	.002	.002	.023											.003	.022		.020		.005		
31					.005	.002	.002	.002	.002	.005												.015	.003	
135	.143	.310	.242	.170	.159	.258	.089	.158	.108	.070	.180	.299	.344	.126	.355	.312	.342	.389	.680	.583	.346	.193	.177	.134
8	11	11	12	13	13	12	10	8	6	10	5	7	11	8	9	9	9	12	9	10	7	10	11	8

* Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	70	341	339	315	324	320	337	359	397	416	393	341	332	365	373	346	387	364	351	354	341	343	330	334
2	48	331	332	332	328	328	351	364	382	395	412	410	428	440	441	441	450	448	452	457	452	437	457	449
3	40	440	433	428	418	405	394	393	408	426	437	445	450	437	433	434	423	420	420	432	446	459	466	467
4	49	471	482	469	453	454	461	455	460	460	472	483	487	488	465	469	495	501	490	484	481	463	464	463
5	44	460	463	461	445	435	416	424	430	446	442	471	484	486	489	488	493	489	502	507	502	494	499	495
6	05	478	478	480	441	442	457	460	456	458	454	453	455	450	447	432	442	429	431	426	420	428	420	423
7	47	430	432	423	424	419	406	421	412	426	431	432	434	424	398	405	396	402	421	418	411	412	393	380
8	92	386	382	392	396	398	409	410	406	402	384	398	415	401	395	400	397	350	365	352	385	386	391	424
9	40	452	456	434	423	429	414	413	403	415	403	408	410	395	430	420	411	417	427	444	433	442	437	425
10	10	395	393	374	373	371	359	350	350	333	324	316	311	293	272	261	247	270	245	266	253	251	257	273
11	70	239	250	225	244	248	257	265	267	285	267	281	284	288	281	293	286	273	262	268	268	263	257	266
12	14	282	290	303	318	322	327	330	357	349	359	375	376	394	408	417	417	410	406	407	405	405	404	402
13	49	404	401	399	399	402	401	400	398	411	408	411	417	416	417	418	416	408	417	425	432	430	433	422
14	17	426	434	431	431	427	432	436	432	423	410	405	411	427	417	412	427	428	433	439	443	351	338	326
15	36	335	335	336	339	335	338	342	346	350	351	343	360	362	368	374	370	362	366	365	367	374	371	366
16	47	345	341	341	358	358	363	363	376	387	412	402	391	384	362	352	350	340	343	355	366	372	388	398
17	08	412	406	412	412	410	407	404	407	400	409	414	417	405	395	391	383	376	346	358	351	355	346	349
18	48	353	360	373	398	402	401	414	418	422	431	449	406	395	380	375	371	364	366	364	362	357	360	354
19	59	369	371	373	391	396	403	411	409	396	367	352	378	398	423	450	442	442	436	433	420	433	436	424
20	33	437	434	433	436	428	430	428	426	428	449	438	442	450	441	440	431	415	393	370	344	345	322	307
21	94	301	320	342	364	364	377	381	383	392	421	426	375	337	320	287	272	233	250	243	230	226	236	246
22	44	235	235	237	271	272	262	264	271	265	256	269	261	229	220	227	228	221	227	246	226	226	221	233
23	40	230	242	246	249	226	242	256	256	255	260	262	265	255	260	276	286	282	266	276	293	293	311	296
24	14	310	302	295	298	287	275	257	263	231	237	267	313	305	289	280	281	279	286	271	269	251	267	268
25	56	261	250	263	281	259	273	258	266	263	279	267	264	279	276	291	291	292	304	283	290	284	280	286
26	14	255	271	257	272	279	263	266	287	282	265	266	289	270	294	288	275	245	250	250	267	275	281	272
27	1	272	263	252	240	249	246	239	273	271	261	284	263	275	263	251	236	262	259	267	279	261	282	289
28	1	254	275	272	312	267	265	257	243	243	240	265	260	263	258	244	249	237	249	232	239	245	241	241
29	18	232	244	245	250	262	270	263	279	259	271	298	291	291	300	276	252	209	219	208	213	211	208	214
30	12	217	229	222	207	202	198	203	184	199	222	227	228	224	234	233	232	225	224	229	237	222	219	204
31	10	199	202	197	197	208	211	211	236	231	239	226	237	227	229	228	229	226	226	225	222	206	200	194

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG 6°39′ W

HOURLY VALUES October 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·718	29·730	29·734	29·746	29·749	29·756	29·788	29·817	29·844	29·861	29·882	29·899	29·913	29·922	29·933	29·936	29·955	29·973	29·990	30·002	30·015	30·016	30·024	30·031	1
2	30·024	30·024	30·022	30·011	30·004	30·011	30·015	30·009	30·002	·997	·988	·988	·964	·949	·940	·923	·916	·907	·900	29·888	29·880	29·877	29·878	29·868	2
3	29·865	29·869	29·856	29·853	29·853	29·859	29·867	29·873	29·881	·882	·877	·882	·868	·855	·842	·839	·834	·835	·840	·843	·844	·843	·839	·834	3
4	·825	·814	·793	·771	·770	·765	·764	·759	·750	·736	·740	·734	·733	·724	·722	·721	·732	·743	·757	·766	·768	·770	·766	·758	4
5	·753	·745	·737	·731	·722	·718	·713	·715	·698	·688	·692	·674	·651	·630	·601	·585	·570	·558	·561	·553	·539	·523	·502	·489	5
6	·469	·447	·409	·377	·364	·353	·336	·328	·323	·313	·304	·289	·278	29·270	29·261	29·245	29·238	29·240	29·236	29·231	29·219	29·197	29·185	29·167	6
7	29·153	29·131	29·109	29·078	29·068	29·040	29·034	29·027	29·011	29·005	29·011	29·002	29·004	28·989	28·980	28·962	28·930	28·895	28·841	28·797	28·770	28·726	28·661	28·598	7
8	28·526	28·485	28·494	28·542	28·563	28·574	28·600	28·635	28·660	28·677	28·724	28·750	28·768	·781	·805	·840	·873	·913	·958	·993	29·019	29·040	29·061	29·071	8
9	29·077	29·078	29·060	29·040	·997	·964	·932	·899	·888	·878	·855	·838	·806	·797	·776	·767	·747	28·721	28·700	28·679	28·656	28·638	28·602	28·559	9
10	28·611	28·465	28·418	28·403	28·399	28·417	28·468	28·527	28·593	28·644	28·698	28·750	28·807	28·839	28·877	28·911	28·969	29·016	29·068	29·122	29·161	29·203	29·228	29·257	10
11	29·305	29·333	29·366	29·403	29·434	29·469	29·500	29·535	29·572	29·606	29·630	29·657	29·676	29·702	29·728	29·755	29·782	·808	·828	·838	·852	·861	·884	·905	11
12	·917	·926	·934	·937	·945	·955	·977	·979	·967	·956	·961	·957	·957	·944	·931	·925	·923	·914	·897	·873	·867	·854	·846	·837	12
13	·831	·812	·808	·804	·795	·791	·790	‡ ·801	‡ ·792	·775	·767	·759	·751	·730	·722	·709	·693	·680	·678	·678	·684	·674	·671	·663	13
14	·659	·661	·650	·650	·649	·656	·664	·669	·677	·666	·664	·665	·652	·638	·638	·621	·630	·642	·646	·639	·630	·637	·648	·650	14
15	·659	·654	·657	·682	·713	·731	·742	·763	·772	·785	·793	·790	·792	·797	·802	·801	·813	·822	·832	·838	·838	·836	·831	·825	15
16	·828	·823	·815	·814	·803	·809	·815	·813	·812	·807	·799	·781	·780	·764	·752	·748	·744	·739	·734	·721	·717	·710	·714	·713	16
17	·697	·684	·683	·669	·658	·651	·656	·665	·668	·665	·671	·670	·664	·650	·649	·636	·646	·653	·668	·672	·684	·680	·673	·673	17
18	·665	·657	·636	·628	·622	·615	·616	·627	·622	·625	·615	·614	·597	·577	·579	·579	·578	·578	·576	·570	·567	·566	·559	·547	18
19	·533	·515	·503	·496	·485	·486	·482	·495	·495	·496	·499	·504	·505	·494	·498	·494	·500	·511	·520	·520	·516	·504	·510	·504	19
20	·504	·498	·487	·479	·470	·467	·464	29·460	29·454	29·441	29·428	29·412	29·394	29·366	29·341	29·329	29·322	29·323	29·317	29·310	29·292	29·268	29·244	29·220	20
21	29·210	29·189	29·159	29·124	29·084	29·046	29·016	28·981	28·948	28·917	28·871	28·824	28·770	28·736	28·725	28·724	28·721	28·736	28·742	28·762	28·759	28·750	28·747	28·741	21
22	28·724	28·717	28·703	28·698	28·700	28·698	28·725	28·768	28·790	28·824	28·842	28·873	28·879	28·890	28·903	28·917	28·938	28·950	28·955	28·955	28·950	28·939	28·951	28·948	22
23	28·945	28·958	28·970	28·979	28·996	29·003	29·026	29·025	29·030	29·047	29·060	29·063	29·072	29·068	29·090	29·087	29·098	29·099	29·104	29·110	29·122	29·129	29·133	29·129	23
24	29·127	29·113	29·091	29·076	29·059	29·037	29·015	29·004	28·991	28·973	28·961	28·952	28·939	28·935	28·922	28·921	28·926	28·924	28·937	28·946	28·957	28·954	28·953	28·953	24
25	28·946	28·948	28·929	28·927	28·938	28·940	28·929	28·927	·918	·903	·881	·873	·853	·836	28·833	28·821	28·817	28·807	28·808	28·820	28·818	28·809	28·806	28·808	25
26	28·805	28·799	28·797	28·794	28·802	28·809	28·821	28·836	28·852	28·881	28·895	28·930	28·953	28·988	29·019	29·043	29·070	29·110	29·129	29·147	29·170	29·188	29·202	29·217	26
27	29·231	29·249	29·257	29·292	29·305	29·330	29·361	29·386	29·409	29·429	29·460	29·459	29·480	29·486	·498	·513	·524	·535	·550	·550	·565	·557	·552	·534	27
28	·518	·490	·490	·498	·504	·504	·505	·517	·523	·521	·522	·516	·533	·527	·542	·580	·603	·629	·647	·677	·709	·728	·749	·750	28
29	·753	·751	·737	·722	·717	·710	·696	·695	·690	·687	·670	·669	·671	·688	·715	·726	·718	·745	·752	·759	·768	·756	·750	·736	29
30	·729	·710	·691	·670	·666	·657	·648	·666	·681	·685	·682	·686	·696	·704	·718	·731	·736	·742	·751	·756	·770	·779	·785	·793	30
31	29·803	29·819	29·820	29·831	29·842	29·854	29·868	29·869	29·869	29·863	29·873	29·867	29·861	29·851	29·849	29·838	29·845	29·850	29·859	29·861	29·862	29·867	29·869	29·861	31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	52·8	52·8	52·4	52·3	52·1	51·9	50·7	48·2	48·4	49·0	49·7	50·6	51·2	51·7	52·2	52·2	50·2	47·9	45·2	43·9	42·6	41·8	40·1	39·8	1
2	39·2	39·0	39·0	39·1	39·0	38·2	38·0	39·8	44·0	48·7	52·3	51·3	54·6	55·9	56·0	55·4	54·9	55·0	55·0	54·9	54·1	54·2	54·6	54·3	2
3	54·2	54·7	54·3	54·4	53·9	53·7	54·1	54·8	55·7	58·2	60·0	61·2	61·0	61·9	61·0	60·5	59·3	58·3	57·9	57·1	57·0	56·5	56·0	54·7	3
4	54·4	53·0	53·1	54·0	53·9	55·0	56·0	56·9	57·1	58·2	59·9	61·1	61·9	63·6	62·1	60·4	59·3	57·1	57·0	57·1	57·0	57·8	57·2	57·2	4
5	58·1	58·9	60·8	58·9	58·6	57·1	57·0	57·7	58·2	59·0	60·3	62·0	62·5	61·8	63·4	63·3	62·2	61·2	61·0	60·5	60·0	60·1	59·0	59·9	5
6	59·8	59·7	59·0	59·1	59·0	59·0	58·4	58·6	59·8	60·0	61·6	61·7	63·0	64·0	64·4	64·0	62·9	59·9	58·3	57·9	57·0	57·0	56·8	56·7	6
7	56·6	56·9	57·9	57·3	57·7	56·3	56·1	56·4	57·1	57·6	59·1	60·1	61·4	60·5	59·3	57·6	56·7	56·8	57·9	57·9	57·5	57·9	56·7		7
8	...	...	...	...	*	...	...	...	...	54·4	56·0	56·0	56·9	57·1	55·8	56·1	55·9	55·1	54·9	54·3	53·1	52·9	52·5	52·7	8
9	53·1	53·0	51·5	51·0	52·0	52·6	55·0	56·0	57·1	57·9	57·6	59·6	61·6	59·1	60·3	58·5	57·6	56·0	55·9	56·0	55·4	55·3	55·8	56·0	9
10	55·7	55·9	56·9	55·2	55·2	55·0	55·0	54·4	55·5	55·2	56·0	55·9	55·0	55·6	55·2	55·7	53·9	52·9	52·4	52·2	51·9	51·2	50·7	50·4	10
11	50·1	49·7	49·0	48·2	46·7	46·3	46·4	46·9	49·2	49·4	49·6	53·8	53·9	52·2	52·7	51·3	50·1	49·3	48·3	48·0	48·1	47·2	47·1		11
12	46·3	45·0	44·8	44·1	43·8	43·7	43·0	44·6	48·1	51·6	52·2	52·9	53·3	53·9	54·9	54·8	52·7	51·3	52·0	51·9	52·2	52·3	53·0		12
13	53·7	53·7	53·9	53·8	53·0	52·9	53·0	53·0	53·9	54·3	56·0	55·8	56·2	56·4	57·1	56·7	55·6	55·0	55·0	55·0	55·3	55·7	56·3		13
14	54·6	54·1	54·9	54·9	54·9	55·1	54·9	54·5	54·6	55·0	55·7	55·8	55·7	56·0	55·0	55·1	54·8	55·1	55·0	55·1	55·0	55·2	54·3		14
15	53·9	53·5	53·0	52·9	52·6	53·1	52·6	53·0	54·0	54·9	56·0	56·7	57·2	56·1	56·0	55·3	54·3	53·1	51·7	52·2	51·6	50·7	49·8	48·4	15
16	47·0	46·8	45·8	45·9	44·3	46·4	47·5	47·9	50·9	53·4	54·9	56·2	57·0	56·7	56·7	56·3	54·9	54·0	54·7	54·1	53·3	52·8	52·1	52·0	16
17	51·8	51·6	51·6	51·8	51·8	52·0	52·4	53·0	54·1	55·0	55·6	56·0	56·2	57·0	58·0	58·0	56·3	54·1	53·9	53·1	51·1	49·4	48·9	48·2	17
18	48·7	49·0	48·7	48·4	49·0	49·4	49·2	49·9	51·2	52·4	55·5	57·7	57·7	56·4	56·0	54·7	53·0	52·5	51·8	51·0	50·0	52·0	52·9	52·6	18
19	51·4	51·4	51·6	51·6	51·0	49·0	49·2	50·1	51·1	51·9	53·0	54·0	52·9	53·0	53·6	53·6	54·4	54·4	54·9	54·9	55·0	54·2	54·2	54·8	19
20	55·0	55·0	54·9	54·9	55·2	55·6	56·0	55·4	56·0	56·1	57·3	56·2	56·6	56·9	57·6	57·2	56·8	56·3	55·7	56·2	54·7	54·4	54·6	54·0	20
21	52·9	50·9	50·1	49·4	49·1	49·5	49·8	49·9	50·2	50·3	50·1	50·1	50·1	49·6	48·9	46·1	45·1	45·0	43·8	43·2	41·6	40·7	40·1	40·0	21
22	39·8	39·7	40·0	40·2	40·6	41·6	42·0	43·2	44·0	46·6	49·2	49·4	47·9	48·4	48·0	46·6	43·9	41·9	40·7	41·6	41·5	41·6	41·6	40·4	22
23	40·6	40·6	41·0	40·9	40·8	40·2	40·7	41·7	42·9	45·2	46·0	47·7	47·7	48·5	46·0	46·0	45·1	44·3	44·0	44·0	43·7	43·8	43·0	42·7	23
24	42·1	42·6	42·9	42·3	42·6	42·8	42·6	42·7	43·3	44·1	46·2	47·0	48·0	48·7	48·7	47·8	45·0	44·9	44·8	43·9	42·9	42·4	41·7	41·8	24
25	42·0	41·8	41·6	41·0	41·2	41·1	40·2	41·0	43·0	43·9	43·4	46·0	45·2	46·0	44·1	43·8	43·0	42·1	41·9	41·8	41·1	40·1	39·7	38·6	25
26	38·6	38·0	38·1	37·1	38·0	39·1	39·9	39·4	40·5	42·8	47·0	46·8	46·6	45·8	45·7	45·2	44·1	42·4	42·8	41·7	40·0	39·9	40·4	41·0	26
27	42·6	43·9	44·8	44·6	44·5	43·8	42·3	42·6	44·3	46·1	48·8	50·9	49·0	49·0	48·0	47·9	45·1	42·3	43·0	43·3	43·0	43·5	41·8		27
28	42·9	43·5	43·2	43·0	42·1	41·0	40·3	40·9	42·6	44·4	46·0	47·4	46·3	43·8	46·8	44·1	42·4	41·9	41·6	39·9	41·1	40·6	39·0	39·9	28
29	39·1	37·9	38·2	38·3	39·0	38·6	39·0	39·1	38·6	39·0	39·9	40·6	38·2	37·1	36·5	36·4	36·1	35·0	35·3	34·9	34·3	34·0	33·9	34·0	29
30	33·4	33·9	34·1	35·6	36·3	37·9	39·3	39·8	40·9	42·8	44·7	45·9	42·9	42·0	41·3	41·6	41·5	41·3	41·4	41·9	42·3	42·9	41·6	41·7	30
31	40·9	40·7	37·9	37·2	36·0	37·0	35·4	34·7	37·0	40·3	39·7	39·1	40·5	40·0	38·9	38·9	37·1	36·0	36·0	35·0	36·9	35·7	35·8	33·9	31

* Record defective or Instrument out of action.

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	52·0	52·0	51·8	51·8	51·3	51·2	50·2	48·0	48·1	48·7	49·1	49·5	49·0	49·0	49·0	48·0	48·2	48·0	46·0	44·7	42·6	41·4	41·0	39·6	1
2	38·5	38·3	38·2	38·8	38·6	37·6	37·7	38·9	44·0	47·0	48·0	47·3	50·2	51·6	51·9	52·1	52·0	52·6	52·8	52·9	53·0	53·7	54·0	54·0	2
3	53·8	53·9	53·8	53·9	53·0	53·0	53·2	53·7	54·5	56·0	57·7	57·9	57·1	57·9	57·5	57·0	56·6	56·0	55·6	55·0	54·9	54·8	54·1	52·6	3
4	52·5	51·8	52·2	52·9	53·0	53·0	54·0	55·8	55·8	56·6	59·0	59·7	58·1	57·8	56·9	56·0	56·0	55·7	56·8	56·9	55·7	54·9	55·0	55·7	4
5	57·3	57·9	58·0	58·0	57·6	56·3	56·2	56·8	56·9	57·7	58·6	59·0	58·8	58·7	58·2	58·3	57·1	56·0	56·6	56·0	56·0	55·7	56·0	56·4	5
6	56·0	55·9	56·0	56·4	57·0	57·0	57·4	57·7	58·7	59·6	59·9	59·9	60·4	59·7	59·2	59·1	58·8	57·6	56·7	55·9	55·0	55·0	55·0	55·0	6
7	55·0	55·0	56·0	55·6	55·7	55·0	54·0	54·2	54·7	55·6	56·2	56·9	56·9	56·1	56·2	56·0	55·2	55·2	55·4	55·9	55·9	55·8	54·7	54·0	7
8	...	...	...	...	*	...	...	...	...	53·9	55·1	54·1	55·2	55·7	55·1	55·5	55·0	54·5	54·1	53·8	52·0	51·9	51·2	51·9	8
9	52·5	51·9	50·0	49·8	50·2	50·9	53·0	55·0	56·3	56·3	56·0	57·9	57·5	56·8	56·0	54·5	55·0	53·8	53·9	53·9	53·0	53·0	53·1	53·8	9
10	54·4	54·8	54·9	54·3	54·6	54·9	54·7	53·8	54·7	54·2	54·1	54·1	53·0	52·8	52·9	53·1	52·3	52·0	51·5	51·0	50·0	49·3	48·9	48·3	10
11	48·1	47·0	46·1	45·1	44·4	43·8	43·0	43·9	45·0	45·9	46·1	47·0	48·3	48·2	47·5	48·1	47·9	47·2	47·0	46·9	46·3	46·6	45·9	45·9	11
12	45·1	43·9	43·8	43·0	42·3	42·0	41·9	43·0	45·6	47·9	48·8	48·9	49·3	49·0	49·3	49·3	49·9	49·0	48·3	49·0	49·1	49·7	50·0	50·8	12
13	51·6	51·5	51·6	51·3	50·9	50·7	50·3	50·8	51·0	51·0	51·4	51·8	52·0	53·8	52·7	52·1	51·8	51·0	51·7	51·8	52·0	52·0	51·6	51·2	13
14	51·0	50·8	51·4	51·3	51·2	51·4	51·5	50·6	51·0	51·1	52·6	52·2	51·8	52·1	51·8	51·9	51·5	51·6	51·2	50·8	50·5	50·3	49·2	49·5	14
15	50·0	50·1	49·9	50·1	50·6	51·0	50·9	51·1	51·9	52·7	52·8	52·9	53·2	52·9	52·4	52·7	52·1	51·9	51·0	50·8	50·6	50·4	49·9	48·4	15
16	46·7	46·1	45·4	45·2	43·9	45·9	46·8	47·0	49·8	51·1	51·9	52·4	52·4	52·8	52·7	52·1	52·0	51·3	51·5	51·2	51·0	50·8	50·3	50·2	16
17	50·0	50·0	50·1	50·2	50·7	50·9	51·3	51·9	52·8	53·0	53·2	53·8	53·7	53·9	54·2	53·5	53·5	52·8	51·4	51·0	50·9	49·9	48·7	48·0	17
18	47·6	48·2	47·9	48·7	49·3	48·8	48·2	49·2	50·6	51·1	53·8	54·9	55·1	54·0	53·0	52·3	51·2	50·5	49·4	49·3	48·6	50·1	50·7	49·7	18
19	49·0	49·3	49·0	49·2	49·1	48·0	48·2	48·5	49·7	50·2	51·3	52·0	51·0	51·6	52·2	52·7	53·7	53·9	54·0	54·0	54·3	53·9	53·2	53·2	19
20	53·9	53·9	54·0	54·2	53·8	54·3	53·6	53·0	53·7	53·9	55·0	55·1	55·4	55·9	56·0	55·8	54·9	55·0	54·8	54·1	53·4	53·8	53·7	53·8	20
21	52·3	50·1	49·0	48·6	48·7	48·9	49·0	49·0	49·4	49·7	49·7	49·5	49·8	49·2	48·1	45·1	45·3	44·2	42·7	42·0	40·2	39·6	39·0	38·8	21
22	38·3	38·2	39·0	39·0	39·6	40·0	41·6	42·8	43·1	45·0	46·6	45·3	45·6	44·5	43·9	43·1	42·0	40·7	39·6	40·1	39·9	39·2	39·9	38·9	22
23	39·3	39·9	40·4	40·1	40·0	39·3	39·6	40·1	41·1	43·0	44·0	44·9	44·3	44·4	43·9	43·3	42·5	41·9	41·4	41·6	41·5	41·4	41·1	41·0	23
24	40·7	40·9	41·0	40·9	40·9	40·9	40·9	41·1	41·8	42·3	43·9	44·0	44·9	45·3	45·5	45·8	44·0	44·3	44·2	43·3	42·5	41·9	41·2	41·0	24
25	41·4	41·1	41·0	40·7	41·0	40·8	39·9	40·8	42·1	42·8	42·9	43·6	44·1	44·6	43·2	43·1	42·1	41·7	41·4	41·1	40·8	39·7	38·9	38·2	25
26	38·3	37·8	37·6	36·8	37·4	38·7	39·5	38·9	40·0	42·1	44·9	44·9	44·8	43·8	44·2	43·6	42·0	41·0	41·4	40·9	39·2	39·1	39·8	40·9	26
27	42·1	43·7	44·5	44·4	44·0	43·1	41·9	42·2	43·9	45·8	47·1	48·9	46·4	47·0	46·0	45·9	44·0	41·8	42·0	42·7	42·2	42·3	40·9	41·8	27
28	42·0	42·7	42·9	41·7	40·3	39·9	39·0	39·1	40·9	42·0	42·9	43·2	43·7	41·8	43·5	42·6	41·0	40·2	39·9	39·2	40·1	39·3	38·2	39·0	28
29	38·2	37·0	37·1	37·0	38·0	37·9	38·2	38·3	37·9	38·9	39·1	39·9	37·9	36·4	36·1	36·1	35·7	34·6	35·0	34·3	33·9	33·3	33·3	33·4	29
30	33·0	33·1	33·6	34·9	35·9	37·3	38·7	39·1	40·0	41·3	42·1	42·8	41·0	41·2	40·4	40·9	40·4	39·7	39·7	39·9	40·3	40·3	39·9	39·9	30
31	39·5	39·0	36·9	36·5	35·0	35·0	34·1	34·6	35·7	37·1	37·7	37·3	38·4	37·9	37·9	37·7	36·4	35·2	35·2	34·7	36·1	35·0	35·1	33·4	31

* Approximate.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°.21′ N. LONG: 6°.39′ W.

HOURLY VALUES October 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	21	4·5	21	4	20	5·5	20	4·5	20	4·5	19	4·5	5	7·5	4	10·5	4	8·5	4	8·5	4	7·5	4	9·5	4	6	3	8·5	4	7·5	5	6·5	4	5·5	3	4	3	3	3	4	3	3	3	2	3	2	3	3	1
2	3	2	3	1·5	3	2	3	2	3	2	3	1·5	3	2	3	2	3	3	13	4	16	11	17	6·5	17	10·5	17	11	17	10·5	16	7·5	15	7·5	17	7·5	17	10·5	17	9·5	18	8·5	18	10·5	18	9·5	19	8·5	2
3	18	11	17	10·5	19	8·5	19	7·5	19	5·5	19	6·5	19	9·5	18	9·5	20	11	19	11	18	10·5	18	11	20	10·5	18	8·5	17	7·5	17	9·5	18	5·5	17	7·5	17	8·5	16	9·5	17	8·5	17	8·5	17	11	17	11	3
4	16	9·5	12	8·5	14	12	14	9·5	13	5·5	12	6·5	14	12	13	12	13	12	12	12	14	15	14	11	16	11	18	10·5	19	9·5	20	7·5	20	4	18	4·5	16	5·5	16	5·5	16	7·5	16	7·5	15	7·5	15	7·5	4
5	15	9·5	15	12	15	11	16	9·5	15	9·5	15	7·5	12	8·5	14	10·5	15	14	14	13	15	6·5	15	10·5	14	11	13	6·5	15	17	14	18	14	17	15	18	15	26	14	18	15	14	15	18	14	16	15	18	5
6	14	20	14	17	14	21	15	18	14	18	15	18	13	14	14	16	15	16	15	14	15	17	15	15	16	15	16	19	17	13	14	14	15	13	14	13	14	12	14	15	13	12	14	14	14	15	14	16	6
7	14	17	13	19	14	17	14	18	14	18	14	18	14	19	14	18	14	22	16	21	15	19	15	19	16	18	15	17	14	22	13	19	12	19	11	22	11	27	12	25	12	26	11	21	12	24	11	22	7
8	11	23	13	24	15	26	16	21	15	20	15	18	17	19	17	17	16	16	19	14	18	18	18	21	17	19	18	19	18	16	20	17	20	17	20	18	20	18	20	16	19	13	19	14	18	13	19	12	8
9	18	15	18	12	16	13	17	10·5	15	19	14	19	13	22	14	24	15	16	17	14	15	16	16	14	16	17	17	17	16	20	15	15	14	18	15	18	15	19	15	20	15	21	14	18	13	18	14	23	9
10	13	26	13	20	13	19	14	15	14	8·5	17	8·5	23	10·5	24	12	23	12	24	12	23	16	23	14	24	14	23	13	23	13	23	14	23	14	24	13	23	13	23	12	23	12	23	11	10
11	24	11	24	12	24	10·5	24	12	22	8·5	23	9·5	24	11	24	10·5	24	11	24	10·5	25	9·5	24	9·5	25	13	26	12	25	10·5	24	9·5	24	9·5	23	6·5	22	7·6	21	8·5	20	9·6	21	9·5	20	7·5	20	7·5	11
12	21	6·5	21	6·5	21	5·5	21	7·5	20	6·5	19	6·5	19	6·5	18	8·5	18	9·5	18	10·5	18	12	18	14	18	12	17	12	18	14	18	10·5	17	10·5	15	11	16	14	15	17	16	17	17	18	17	21	17	20	12
13	17	21	17	22	17	18	17	18	16	20	17	19	17	17	15	16	17	21	16	17	17	23	16	19	16	19	15	20	17	21	17	20	17	21	17	21	17	24	16	20	15	21	16	25	16	24	15	21	13
14	15	20	15	27	15	27	15	24	15	24	14	25	14	23	15	20	15	18	14	19	15	25	14	27	14	28	14	29	15	26	14	26	15	21	14	19	15	21	14	22	14	24	14	27	15	27	15	24	14
15	15	26	14	25	15	20	15	7·5	16	4	13	8·5	12	7·5	11	8·5	13	10·5	12	11	14	13	12	13	12	11	12	12	11	10·5	12	7·5	12	5·5	12	3	12	2	12	4	12	2	12	2	12	2	12	1·5	15
16	12	2	12	2	12	2	12	3	12	3	13	5·5	14	5·5	15	5·5	17	6·5	17	6·5	16	10·5	16	13	17	11	17	11	17	11	18	8·5	17	8·5	17	7·5	16	9·5	17	12	17	11	16	13	17	13	17	11	16
17	17	14	17	14	17	11	17	11	17	12	16	14	17	11	16	10·5	17	13	16	12	16	11	15	9·5	16	9·5	16	8·5	17	4·5	20	3	20	2	20	2	20	2	17
18	13	4	13	2	13	2	13	4	9	4·5	9	4	13	4·5	11	4·5	6	4·5	6	4	8	4	13	5·5	8	6·5	7	8·5	9	10·5	8	8·5	8	6·5	9	7·5	9	5·5	6	7·5	6	5·5	8	5·5	11	4·5	7	4·5	18
19	7	4	8	5·5	5	4	5	3	7	3	7	3	7	4·5	11	5·5	8	4·5	7	4	7	2	13	8·5	13	5·5	12	6·5	12	5·5	12	8·5	15	10·5	13	8·5	13	13	13	10·5	13	9·5	13	12	14	8·5	14	11	19
20	13	7·5	13	9·5	15	10·5	12	11	14	9·5	15	9·5	16	10·5	15	8·5	15	11	15	13	16	15	16	11	17	11	17	10·5	17	10·5	18	12	18	15	18	14	18	14	20	13	19	10·5	19	9·5	18	11	20	9·5	20
21	20	9·5	20	14	19	16	18	16	18	18	18	19	18	19	18	21	18	15	18	15	18	16	17	13	19	13	20	10·5	22	13	23	8·5	20	13	20	12	20	13	20	10·5	20	11	19	12	20	14	19	14	21
22	18	13	19	15	17	18	18	16	19	15	19	17	20	15	21	11	21	14	21	11	21	12	23	11	23	13	23	13	22	11	22	12	24	10·5	21	8·5	20	10·5	20	12	19	17	19	20	19	17	19	18	22
23	20	18	20	16	20	15	20	17	20	14	19	17	20	17	19	18	19	20	19	19	20	18	21	16	21	18	22	17	23	13	21	17	21	12	21	15	21	19	20	17	20	20	20	17	21	18	19	14	23
24	19	16	19	14	19	14	18	13	18	13	18	13	19	10·5	19	13	20	12	20	11	20	13	22	11	21	12	21	10·5	21	13	22	10·5	22	7·5	20	9·5	22	7·5	20	9·5	20	8·5	20	7·5	20	8·5	20	8·5	24
25	20	8·5	20	8·5	20	9·5	19	8·5	23	5·5	24	5·5	19	10·5	21	6·5	20	11	20	12	20	10·5	21	13	21	10·5	20	9·5	21	9·5	21	8·5	21	9·5	20	8·5	20	8·5	19	8·5	20	11	19	9·5	19	7·5	20	5·5	25
26	19	8·5	18	8·5	18	8·5	18	9·5	18	7·5	18	7·6	18	6·5	18	7·5	20	4·5	20	4	32	8·5	2	7·5	2	8	1	7·5	1	6·5	32	6·5	31	6·5	30	4	30	3	30	4	30	4	29	3	29	4	29	2	26
27	29	4	28	6·5	30	6·5	32	5·5	28	4·5	28	6·5	28	4·5	26	4·5	26	4	27	6·5	28	7·5	29	9·5	28	7	27	8·5	27	9·5	27	6·5	27	5·5	26	5·5	25	6·5	24	7·5	23	4·5	23	6·5	21	7·5	22	9·5	27
28	20	10·5	20	12	24	9·5	22	10·5	25	10·5	26	12	24	12	24	11	25	15	25	14	26	18	27	22	28	18	27	18	28	17	29	17	28	13	27	13	28	13	28	11	29	10·5	29	11	25	8·5	28	10·5	28
29	28	8·5	24	6·5	25	5·5	21	6·5	26	6·5	20	6·5	21	5·5	25	6·5	28	6·5	26	4·5	25	7·5	28	6·5	30	8·5	32	6·5	31	4·5	30	4·5	26	7·5	28	8·5	27	6·5	28	4·5	26	7·5	28	9·5	24	8·5	27	13	29
30	26	10·5	25	11	26	12	22	9·5	24	10·5	26	13	27	14	27	9·5	27	10·5	28	10·5	30	15	30	16	29	17	29	14	29	12	30	10·5	30	10·5	30	10·5	30	11	30	10·5	31	10·5	32	12	32	9·5	32	7·5	30
31	31	6·5	31	6·5	31	4·5	31	3	31	5·5	1	5·5	1	4·5	32	4	32	3	29	4·5	1	8·5	31	6·5	30	8·5	31	7·5	29	9·5	27	7·5	28	6·5	28	4·5	27	5·5	27	4·5	29	4	29	4	17	2	17	4·5	31

RAINFALL. GAUGE (HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL FEET)

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	.	.	.	.	.	·005	·020	·020	·010	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·020	·010	2
3	.	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	·020	.	.	·040	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	·005	.	.	·005	·010	.	.	.	.	.	·010	·040	·090	·130	·060	·020	·030	.	·060	7
8	·040	·040	.	·010	.	·010	·010	·010	·010	·015	.	.	.	.	·150	.	·010	.	·010	.	.	.	.	.	8
9	·030	.	.	.	.	.	.	.	·010	·010	·020	·020	.	.	.	.	·080	.	·020	·010	.	.	.	.	9
10	·020	·060	.	.	·030	·030	·010	·010	.	.	.	.	.	.	.	.	·010	·010	·010	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	.	.	.	·010	.	·150	20
21	·060	.	.	·010	·050	·060	·090	·040	·020	·030	·110	·060	·010	·030	·050	·030	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	·020	.	·010	.	.	.	.	.	.	.	.	·010	.	·010	.	.	.	.	·010	22
23	.	·020	·020	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·010	.	·010	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	·020	.	.	.	·030	.	·010	.	.	.	.	.	.	.	25
26	.	.	.	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	26
27	.	·010	·020	·080	·020	.	.	.	.	·010	.	.	·010	·010	.	·010	·010	.	.	·010	·010	.	·010	.	27
28	.	.	·010	.	.	.	·010	.	·020	·020	·020	.	·040	·010	·020	·020	.	·010	.	.	.	.	.	.	28
29	.	.	.	.	·010	·020	·030	·001	.	.	.	.	.	·030	.	.	.	.	·010	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31
22 / 5	·140	·130	·050	·120	·110	·160	·190	·091	·075	·140	·170	·090	·070	·090	·250	·080	·180	·120	·190	·090	·040	·040	·230	·430	
	4	4	3	5	4	8	6	5	6	8	4	3	4	5	4	5	8	4	6	4	3	2	2	5	

* Record defective or Instrument out of action

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	377	377	377	379	368	367	357	332	333	340	341	341	320	314	285	290	307	286	275	258	247	247	238	228	1
2	226	224	222	233	228	218	222	226	276	301	284	280	310	332	338	348	350	365	370	373	387	406	409	414	2
3	409	405	408	409	390	393	393	398	409	418	444	434	413	425	425	417	420	417	411	404	402	406	394	369	3
4	369	369	379	385	388	390	403	419	430	452	470	484	489	489	457	429	441	429	410	402	404	425	448	453	4
5	459	466	470	469	461	443	440	449	445	458	468	456	444	450	416	419	400	381	399	389	395	386	407	407	5
6	407	402	407	418	436	436	457	464	478	505	490	489	487	437	432	434	438	442	438	419	405	405	408	409	6
7	411	406	406	418	417	415	391	391	396	415	412	419	403	392	409	426	412	415	420	419	419	422	386	381	7
8	-	-	-	-	*	-	-	-	-	-	409	422	394	412	424	425	433	426	417	407	408	373	372	359	375	8
9	388	371	342	343	340	348	375	419	442	431	428	456	419	429	391	374	398	386	389	388	371	372	370	386	9
10	414	414	417	409	418	430	424	406	418	407	394	395	375	364	370	371	370	375	369	358	336	328	324	313	10
11	302	290	278	263	266	257	240	252	263	272	274	291	275	272	275	282	293	290	294	304	292	298	293	295	11
12	355	273	273	264	252	247	253	258	275	290	303	298	303	289	288	301	308	302	310	314	325	331	342	346	12
13	344	351	351	346	345	341	330	342	335	331	335	337	337	357	343	333	339	325	342	344	346	343	337	330	13
14	329	321	336	332	331	334	338	320	329	327	358	347	338	343	344	346	339	338	330	319	314	308	290	299	14
15	317	319	320	326	343	346	350	350	357	355	360	353	354	362	350	351	354	346	360	348	350	350	335	330	15
16	316	304	289	293	282	304	311	310	344	345	348	347	337	350	348	339	345	342	340	338	343	345	342	340	16
17	335	342	343	343	356	358	363	371	381	375	374	386	380	374	372	355	356	343	335	344	345	335	323	327	17
18	316	327	324	333	343	337	324	340	361	358	392	394	400	385	365	360	352	342	323	331	324	338	341	320	18
19	318	326	315	320	326	322	324	321	340	341	355	360	348	363	372	386	403	409	405	405	412	412	391	384	19
20	400	400	405	411	395	404	392	371	383	387	401	419	424	433	426	425	405	415	417	404	390	406	401	412	20
21	344	352	333	332	339	339	337	335	343	349	352	347	355	345	326	288	281	280	261	253	233	231	225	222	21
22	215	214	226	224	232	250	258	271	267	280	287	257	277	250	241	239	245	240	231	231	228	214	227	220	22
23	235	239	244	238	237	230	231	230	237	251	265	265	252	247	263	250	242	239	232	236	237	234	236	237	23
24	238	236	235	240	236	235	236	239	248	249	261	253	261	264	272	283	275	283	283	273	267	256	253	247	24
25	244	240	251	250	255	252	243	253	257	262	270	266	275	278	269	269	257	259	255	249	252	240	234	226	25
26	228	218	219	215	216	231	238	231	241	259	273	275	276	259	272	264	243	241	244	247	230	229	238	255	26
27	262	282	290	290	282	269	261	264	282	305	302	322	285	298	285	284	274	259	255	267	259	256	245	256	27
28	256	265	273	249	230	233	223	218	238	240	242	233	255	242	245	234	241	230	227	231	236	225	222	227	28
29	221	209	208	205	218	220	222	223	220	236	229	239	224	207	208	209	205	194	201	191	190	182	183	184	29
30	183	179	187	195	206	215	228	230	236	242	238	241	235	249	241	248	239	226	225	224	228	222	227	226	30
31	228	218	207	208	193	182	182	188	195	188	205	204	210	205	217	213	207	197	197	198	203	196	197	185	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W

HOURLY VALUES October 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.768	29.768	29.791	29.806	29.810	29.848	29.832	29.858	29.874	29.881	29.886	29.888	29.896	29.906	29.914	29.924	29.938	29.956	29.968	29.996	30.000	30.016	30.033	30.036	1
2	30.037	30.031	30.040	30.042	30.045	30.043	30.038	30.040	30.039	30.032	30.021	30.016	.995	.975	.952	.937	.929	.913	.917	.899	29.877	29.867	29.858	29.841	2
3	29.836	29.812	29.789	29.769	29.767	29.777	29.789	29.804	29.811	29.817	29.820	29.814	†.821	†.818	.813	.811	.815	.822	.829	.837	.841	.843	.846	.843	3
4	.841	.837	.833	.827	. . .	. . .	*	. . .	. . .	.846	.855	.835	.812	.803	.795	.793	.785	.796	.789	.795	.793	.794	.795	.800	4
5	.801	.795	.787	.785	.784	.792	.784	.786	.775	.781	.767	.767	.751	.734	.712	.699	.693	.680	.672	.661	.641	.638	29.609	29.605	5
6	29.591	29.555	29.531	29.510	29.489	.464	29.445	29.433	29.417	.421	.405	.377	.364	.351	.334	.322	.317	.321	.321	.314	. . .	. . .	. . .	. . .	6
7	. . .	. . .	*	. . .	. . .	29.127	. . .	*	. . .	[29.139	29.145	[29.136	29.130	29.118	29.116	29.116	29.112	29.100	29.104	29.086	29.058	29.028	28.976	28.930	7
8	28.886	28.854	28.832	28.812	28.806	28.792	28.806	28.804	28.802	28.793	28.833	28.826	28.824	28.810	28.821	28.821	28.821	28.814	28.841	28.849	28.877	28.903	.941	.975	8
9	29.001	29.013	29.031	29.037	29.047	29.061	29.061	29.051	29.031	29.009	.986	.964	.931	.884	.854	.846	.851	.860	.842	.837	.811	.806	.790	28.768	9
10	28.749	28.722	28.692	28.653	28.630	28.610	28.598	28.590	28.580	28.578	28.561	28.551	28.543	28.545	28.557	28.621	28.669	28.741	28.785	28.835	28.885	28.932	28.979	29.011	10
11	29.044	29.073	29.108	29.135	29.175	29.225	29.261	29.301	29.335	29.369	29.397	29.439	29.471	29.507	29.539	29.575	29.609	29.649	29.667	29.681	29.697	29.719	29.744	.772	11
12	.795	.802	.821	.839	.852	.865	.889	.902	.913	.915	.899	.917	.923	.919	.917	.919	.907	.911	.915	.905	.891	.875	.865	.865	12
13	.865	.841	.826	.819	.813	.818	.819	.825	.823	.821	.817	.815	.809	.801	.794	.783	.789	.785	.763	.761	.751	.771	.753	.767	13
14	.771	.773	.775	.765	.763	.767	.771	.785	.792	.795	.795	.791	.787	.780	.769	.767	.771	.773	.769	.767	.767	.768	.769	.775	14
15	.790	.793	.797	.799	.803	.811	.833	.846	.857	.868	.867	.869	.867	.857	.857	.859	.869	.871	.882	.887	.890	.881	.877	.870	15
16	.865	.867	.861	.853	.847	.837	.831	.837	.835	.827	.815	.801	.797	.785	.779	.753	.755	.763	.755	.743	.733	.729	.726	.722	16
17	.706	.689	.671	.657	.651	.655	.655	.665	.673	.678	.680	.668	.664	.647	.658	.656	.666	.676	.685	.694	.708	.710	.702	.702	17
18	.702	.741	.687	.688	.690	.691	.694	.700	.704	.710	.700	.693	.675	.664	.662	.660	.664	.672	.674	.668	.680	.680	.672	.658	18
19	.638	.620	.612	.610	.600	.600	.602	.604	.600	.596	.591	.581	.576	.578	.575	.572	.581	.591	.590	.597	.599	.599	.591	.583	19
20	.578	.664	.559	.556	.550	29.537	29.537	29.530	29.521	29.510	29.491	29.467	29.446	29.413	29.395	29.365	29.349	29.324	29.297	29.263	29.231	29.187	29.179	29.149	20
21	29.127	29.091	29.047	29.019	29.005	28.983	28.961	28.927	28.890	28.862	28.855	28.813	28.783	28.719	28.666	28.631	28.617	28.619	28.637	28.622	28.624	28.631	28.639	28.649	21
22	28.653	28.661	28.659	28.647	28.639	.644	.635	.639	.654	.678	.689	.727	.739	.767	.789	.791	.819	.827	.842	.841	.845	.849	.855	.847	22
23	.829	.829	.823	.824	.841	.855	.872	.887	.891	.895	.907	.902	.903	.893	.901	.901	.901	.911	.907	.918	.929	.933	.943	.954	23
24	.957	.959	.956	.953	.949	.941	.923	.905	.893	.887	.881	.871	.859	.837	.833	.821	.829	.832	.831	.843	.863	.850	.847	.839	24
25	.833	.825	.824	.817	.813	.808	.803	.807	.797	.793	.793	.778	.774	.768	.752	28.734	28.746	28.748	28.744	28.749	28.758	28.760	28.764	28.772	25
26	28.778	28.784	28.792	28.800	28.809	28.830	28.852	28.876	28.903	28.933	28.935	28.943	28.953	28.971	28.980	29.001	29.024	29.047	29.073	29.095	29.111	29.120	29.132	29.153	26
27	29.163	29.171	29.181	29.216	29.221	29.250	29.273	29.303	29.335	29.361	29.382	29.387	29.389	29.397	29.399	.411	.415	.425	.435	.436	.425	.401	.375	.345	27
28	.289	.307	.295	.293	.287	.259	.234	.223	.202	.227	.197	.219	.245	.276	.296	.318	.340	.384	.436	.479	.516	.533	.564	.586	28
29	.586	.598	.594	.578	.570	.562	.566	.565	.568	.581	.574	.576	.564	.559	.564	.568	.578	.580	.568	.543	.512	.490	.442	.438	29
30	.417	.386	.390	.391	.406	.414	.420	.460	.466	.491	.515	.529	.567	.554	.573	.610	.600	.626	.643	.665	.677	.697	.713	.737	30
31	29.761	29.767	29.775	29.771	29.766	29.773	29.785	29.789	29.791	29.791	29.795	29.791	29.789	29.785	29.782	29.783	29.789	29.803	29.803	29.813	29.817	29.826	29.829	29.833	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	45.7	45.3	45.3	45.2	45.0	44.2	43.0	42.9	45.8	48.0	49.3	50.1	50.7	51.9	52.0	52.6	51.4	49.0	46.9	44.0	44.0	42.3	40.4	39.9	1
2	39.0	39.0	37.0	36.0	35.3	34.3	35.9	36.2	38.8	42.5	47.9	51.4	51.3	52.2	52.8	52.8	52.0	52.0	51.7	50.9	50.8	50.7	51.3	52.1	2
3	53.1	53.1	53.1	53.9	54.2	54.9	55.2	55.9	56.3	57.3	58.3	59.3	58.7	57.8	*	*	57.0	56.3	56.1	55.2	54.9	55.2	55.2	54.9	3
4	54.9	54.9	54.9	54.8	54.8	55.0	50.7	50.8	51.3	51.8	52.3	52.6	53.1	53.0	52.9	53.2	52.6	52.3	52.7	52.7	52.8	52.9	53.0	52.9	4
5	53.0	52.9	52.7	52.4	52.9	52.9	53.0	54.0	54.2	55.1	56.2	57.7	61.3	61.9	62.8	62.9	62.4	61.7	60.9	60.2	59.0	59.5	61.0	59.1	5
6	59.0	60.4	58.0	58.8	58.9	60.9	58.0	57.0	60.8	61.0	60.5	61.0	61.0	60.3	60.8	60.5	60.1	59.6	58.9	58.5	59.8	59.3	59.6	59.0	6
7	58.9	58.9	58.9	58.3	58.9	58.9	58.0	58.1	59.1	59.2	59.0	58.9	60.0	60.7	58.6	58.6	58.5	58.9	58.9	58.1	57.3	57.1	55.9	55.9	7
8	56.3	57.7	58.0	59.3	58.6	57.9	57.0	57.0	58.0	57.9	57.8	60.0	59.2	56.9	57.0	56.9	55.3	55.0	55.5	56.0	56.2	55.4	55.2	54.9	8
9	54.9	53.9	53.9	53.2	53.1	52.5	52.0	53.5	55.6	56.1	56.2	57.1	57.8	56.3	56.3	56.6	56.3	55.2	54.8	55.3	55.1	55.9	55.8	55.1	9
10	55.3	55.3	55.3	55.3	54.2	54.1	53.5	56.3	56.9	57.1	57.9	58.0	57.4	57.2	57.3	55.8	54.3	53.9	54.0	54.2	54.0	53.7	52.6	52.1	10
11	51.9	51.9	51.3	51.0	50.9	50.3	49.7	49.5	50.1	50.3	50.9	51.0	52.0	52.0	52.0	50.7	50.0	49.1	48.3	48.3	48.0	48.5	48.6	48.3	11
12	48.8	49.0	47.4	46.5	47.3	47.7	49.8	50.0	52.2	52.6	53.4	55.0	54.8	54.9	53.5	52.1	51.3	50.2	49.8	49.5	49.8	50.6	51.8	52.3	12
13	52.9	53.0	53.9	54.0	54.1	54.1	53.9	54.2	55.5	56.1	56.6	55.9	56.5	56.6	56.2	56.0	56.1	55.9	55.7	55.8	55.6	54.9	54.9	54.4	13
14	53.8	53.5	53.2	53.0	52.5	50.9	50.2	51.0	51.8	52.5	53.9	54.7	55.2	55.8	56.8	56.3	56.3	55.9	55.3	54.0	52.2	51.8	51.2	51.0	14
15	48.9	49.7	48.4	47.9	48.5	47.0	45.0	47.1	49.0	51.2	52.5	52.6	54.8	55.9	55.9	55.8	54.1	53.1	52.9	52.0	51.0	51.2	50.9	50.4	15
16	51.2	51.2	50.9	49.8	48.5	49.1	48.9	48.8	48.9	49.3	50.2	51.0	53.1	54.1	54.0	53.9	53.2	53.0	52.9	53.0	53.0	53.9	53.3	53.0	16
17	52.9	52.9	52.9	53.2	53.3	53.3	53.3	53.5	54.3	54.9	55.8	56.1	56.9	57.4	56.9	56.7	55.9	55.0	54.8	54.2	53.4	51.5	50.3	49.5	17
18	48.9	48.4	49.0	50.0	49.5	49.7	50.1	48.7	47.9	48.4	45.2	53.8	54.8	55.9	55.9	55.8	54.7	54.0	52.5	50.9	50.5	49.6	49.1	50.9	18
19	51.3	51.3	51.5	51.9	51.8	51.2	52.0	52.4	52.8	53.7	53.9	57.1	57.9	58.0	57.9	57.4	56.3	56.3	56.0	55.3	54.9	53.9	52.8	52.4	19
20	52.2	51.5	51.3	51.0	50.7	50.2	50.0	50.8	50.9	52.1	52.1	53.8	54.8	54.2	54.9	54.9	55.1	54.7	54.9	55.3	55.2	54.9	54.5	54.5	20
21	54.0	54.1	53.5	53.3	51.4	50.1	49.9	49.7	50.0	50.7	50.1	49.9	47.5	47.9	49.4	49.0	47.9	44.6	44.8	43.9	42.0	42.9	41.3	40.0	21
22	41.9	41.1	41.9	41.3	41.2	41.3	42.1	43.0	43.5	43.9	47.2	48.0	49.4	47.0	47.0	45.1	43.4	42.6	42.3	42.0	42.0	41.9	41.9	42.1	22
23	42.8	42.4	42.8	43.0	43.3	42.9	43.1	44.4	44.2	45.5	44.8	44.5	44.9	44.9	45.2	45.4	45.3	44.8	44.5	45.5	45.5	45.3	45.2	46.2	23
24	45.9	45.9	45.3	45.0	44.6	44.8	44.2	44.9	45.8	46.2	46.2	45.9	44.2	45.2	45.5	44.8	44.0	43.7	43.1	42.2	41.9	42.9	42.9	43.0	24
25	44.3	42.8	41.3	41.2	41.5	41.7	40.8	40.3	43.0	45.1	46.3	45.7	44.1	43.0	42.8	41.9	42.2	42.3	42.1	41.5	41.5	41.4	40.1	41.4	25
26	41.2	40.9	41.4	41.2	41.2	41.2	41.9	42.7	43.9	44.9	46.0	47.5	47.9	48.0	47.9	48.0	47.1	46.8	45.0	45.7	40.6	40.4	40.4	40.4	26
27	39.1	39.9	39.3	40.0	42.9	43.0	45.0	46.9	47.6	48.4	49.0	50.0	50.2	49.9	50.9	48.8	46.0	43.3	40.6	41.3	41.5	39.9	42.9	44.8	27
28	44.9	40.6	40.0	39.8	39.0	38.6	39.9	40.2	41.5	42.0	43.0	43.9	45.8	45.8	46.4	43.8	45.0	45.9	45.9	44.2	45.2	43.5	41.7	42.5	28
29	41.1	39.8	38.3	39.1	39.0	38.2	38.3	37.7	38.1	38.8	40.2	41.2	41.9	41.8	40.7	39.4	36.3	33.9	34.1	35.4	36.1	37.2	39.2	40.0	29
30	41.1	39.8	38.9	38.8	41.9	39.9	39.0	42.5	41.8	43.5	45.2	44.7	45.1	45.2	44.8	44.1	43.9	44.3	44.3	44.0	44.2	43.8	43.1	43.0	30
31	42.1	41.8	40.9	38.9	37.8	36.9	36.7	35.4	35.6	38.9	41.3	42.1	42.2	43.2	43.0	42.2	40.5	38.1	36.3	35.4	34.3	33.2	32.8	32.9	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	43.3	43.8	43.4	43.2	43.0	42.4	41.9	40.3	41.2	42.6	42.8	42.2	43.0	43.1	44.0	44.9	44.9	43.8	42.5	41.2	40.9	40.7	38.9	38.8	1
2	37.9	37.3	35.9	35.1	34.3	33.8	34.9	35.0	37.0	40.3	44.2	46.7	46.1	47.0	48.0	48.8	48.8	48.8	48.9	48.8	48.7	48.8	49.8	50.8	2
3	51.9	52.2	52.2	53.0	53.7	54.0	54.7	54.7	54.9	55.3	55.9	56.0	55.7	55.9	*	*	55.4	54.8	54.7	54.2	54.0	54.2	54.0	54.0	3
4	54.0	53.9	53.9	53.7	53.2	53.5	49.5	49.6	50.1	50.5	50.9	51.0	51.5	51.3	51.8	52.1	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	4
5	52.2	52.1	51.9	51.8	52.0	52.0	52.2	53.0	53.3	54.0	55.1	56.5	58.8	58.7	59.3	59.0	58.9	57.9	56.9	56.1	55.9	56.0	56.9	56.0	5
6	56.7	57.2	55.0	55.9	56.0	56.1	55.2	54.5	56.5	56.1	56.6	56.9	57.3	57.6	57.9	57.9	57.8	56.8	56.0	56.0	56.5	56.0	56.6	56.6	6
7	56.3	56.1	56.0	55.8	55.9	55.5	55.5	55.5	55.7	56.0	56.2	56.2	55.8	56.2	†55.6	55.1	54.6	54.2	54.1	53.9	53.5	53.9	53.5	53.3	7
8	53.9	54.1	54.3	54.4	53.2	52.8	53.0	53.5	54.2	54.5	54.9	55.0	54.7	54.0	54.1	54.0	53.9	53.9	54.3	54.1	54.1	53.9	53.7	53.1	8
9	52.8	51.8	51.8	51.0	51.2	50.8	49.8	50.3	52.7	53.5	53.2	54.0	55.1	54.9	55.2	55.7	54.3	53.2	52.5	52.5	52.4	53.2	53.0	52.9	9
10	52.9	52.8	52.1	52.1	51.9	52.0	52.9	53.5	53.3	53.5	54.2	54.7	55.5	56.1	55.9	55.0	53.1	52.7	52.6	52.7	51.9	50.9	50.9	50.3	10
11	50.5	50.2	49.8	48.4	48.2	48.1	47.9	48.0	47.9	47.9	48.3	47.9	47.5	48.2	47.2	47.5	45.7	45.4	45.2	46.4	46.7	46.6	47.5	47.1	11
12	47.0	46.9	46.0	45.3	45.9	46.0	47.7	47.8	49.3	48.6	48.3	50.0	50.1	50.0	49.1	47.6	46.5	46.8	46.9	46.8	47.1	47.9	48.9	49.5	12
13	49.9	50.4	51.0	51.1	51.2	51.2	50.9	51.2	51.8	52.2	52.0	51.8	51.5	51.1	51.2	51.7	51.8	51.8	51.1	50.8	51.0	51.1	50.8	50.7	13
14	49.7	49.5	49.0	49.3	49.0	47.4	46.9	47.5	48.1	48.9	49.9	49.5	50.0	50.3	50.5	49.4	49.0	48.1	48.8	47.9	47.0	46.9	46.2	45.8	14
15	44.3	44.7	44.2	44.2	44.9	44.2	42.1	44.1	45.2	46.9	47.7	48.1	49.8	49.9	50.8	50.8	50.6	50.0	50.1	49.7	49.0	49.2	48.9	48.4	15
16	48.2	47.9	47.6	47.1	46.3	46.7	46.9	47.1	47.7	47.9	48.8	49.3	50.9	51.7	51.5	51.2	50.9	50.8	50.5	50.6	50.6	50.5	50.3	50.4	16
17	50.4	50.9	50.9	51.1	50.9	50.9	51.0	51.2	51.9	52.3	53.3	53.7	54.1	54.2	53.9	53.9	53.1	52.8	52.0	51.9	50.9	49.3	48.2	47.7	17
18	47.5	47.2	47.9	48.9	48.0	47.9	48.0	47.2	46.1	46.8	49.1	49.9	51.2	52.2	52.8	52.2	51.7	51.4	49.7	49.0	47.8	47.2	47.2	48.3	18
19	48.9	48.8	49.0	48.9	48.8	49.0	48.7	48.7	49.0	50.2	50.9	51.8	51.9	52.2	52.5	51.9	51.9	51.9	51.2	51.2	51.1	50.9	50.5	50.3	19
20	49.8	49.4	49.6	49.2	49.3	49.2	49.0	49.4	49.6	49.9	50.2	51.3	52.5	52.2	52.3	52.4	52.8	52.9	53.0	53.4	54.0	54.1	53.8	53.8	20
21	53.0	53.1	52.8	52.8	50.0	48.8	48.8	48.6	49.0	49.1	48.9	48.9	46.8	46.8	48.2	47.9	46.8	43.0	43.1	42.6	40.5	40.7	39.6	38.2	21
22	39.0	39.1	39.7	39.5	39.5	39.5	40.2	41.7	42.2	42.5	44.4	44.2	44.3	43.3	43.2	41.9	40.7	39.9	39.4	39.9	39.4	39.2	39.3	39.8	22
23	40.5	40.5	41.5	41.8	41.9	41.7	41.9	42.9	42.9	43.2	43.2	43.2	43.5	43.8	44.1	43.9	43.8	43.5	43.9	43.8	43.9	43.4	43.8	44.1	23
24	44.3	44.2	43.9	43.6	42.9	42.9	43.0	43.2	43.9	44.0	43.9	44.2	43.1	44.4	44.9	43.2	42.9	42.6	41.9	41.1	40.9	41.5	41.9	41.9	24
25	40.8	41.6	40.5	40.3	40.2	40.7	40.0	39.6	41.1	42.9	43.9	43.0	42.3	41.0	41.1	40.5	40.9	40.9	40.5	40.0	40.5	40.3	39.7	40.2	25
26	40.1	39.9	40.1	40.2	40.1	40.0	40.3	40.7	40.8	41.8	41.0	41.3	42.2	42.2	42.9	43.2	43.1	42.3	42.0	40.5	40.2	38.2	38.1	38.2	26
27	37.2	37.9	37.9	38.5	40.5	40.9	41.9	42.3	42.8	43.0	43.0	43.2	44.0	45.3	44.0	44.3	42.7	40.8	38.7	39.0	38.9	38.0	41.5	42.2	27
28	42.0	39.1	38.9	37.9	37.6	37.8	38.1	38.1	39.3	39.9	40.6	40.7	41.0	40.5	40.9	40.8	40.4	40.8	40.4	39.7	39.1	38.9	38.3	37.9	28
29	37.1	36.9	36.3	36.2	35.9	35.1	35.1	34.9	35.5	35.8	36.9	36.6	36.8	34.9	34.7	34.0	32.2	31.1	31.0	32.0	33.3	34.4	35.6	36.5	29
30	37.5	37.1	36.9	36.3	37.9	37.2	37.2	38.9	38.8	39.9	40.0	40.0	40.2	40.0	39.9	39.8	39.5	39.8	40.0	40.1	39.9	39.2	38.2	38.0	30
31	37.8	36.7	36.0	34.8	33.7	32.8	32.1	31.9	32.7	34.7	36.7	36.9	37.1	37.9	38.0	37.3	36.4	35.0	33.7	33.2	33.2	32.4	32.0	31.9	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53'N. LONG: 4°18' W.

HOURLY VALUES October 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	9	3	3	3	3	1·5	3	1·5	3	2	3	2	3	4	3	4	3	3	29	5·5	31	6·5	29	7·5	3	5·5	7·5	3	5·5	1	6·5	1	4·5	1	4	1	4	1	3	1	3	1	2	1	3	1
2	1	3	8	3	8	3	8	4·5	8	3	8	4·5	8	4·5	8	4	8	4·5	8	4	14	7·5	16	14	16	15	15	16	12	16	8·5	16	8·5	18	13	19	8·5	19	6·5	16	6·5	17	4	22	4·5	20	5·5	2
3	18	11	18	9·5	18	12	20	15	21	18	22	14	22	18	21	16	21	14	21	13	20	17	21	19	22	18	18	22	12	23	11	20	9·5	20	11	21	13	21	4·5	21	4·5	21	5·5	21	5·5	21	4	3
4	20	5·5	21	4·5	16	4·5	16	4·5	16	4·5	8	9·5	5	17	6	15	6	17	6	15	...	...	*	*	...	...	18	5	13	6	13	5	12	5	15	6	15	6	12	5	7·5	5	8·5	5	7·5	6	7·5	4
5	6	6·5	6	4·5	6	6·5	6	7·5	6	7·5	6	8·5	6	11	6	8·5	6	8·5	6	10·5	6	7·5	6	4·5	12	5·5	7·5	12	5·5	12	4·5	12	4·5	12	7·5	9	5·5	7	7·5	7	6·5	8	6·5	10	6·5	4	6·5	5
6	11	6·5	10	8·5	6	8·5	8	8·5	9	14	11	10·5	6	5·5	4	8·5	11	5·5	14	7·5	13	10·5	11	8·5	15	11·5	16	16	18	16	16	17	12	16	13	16	14	15	8·5	14	12	14	10·5	14	7·5	14	6·5	6
7	11	7·5	12	6·5	12	7·5	10	9·5	11	8·5	9	7·5	12	7·5	11	10·5	12	9·5	14	12	15	11	16	17	15	10·5	20	14	16	15	15	14	10·5	12	12	10	11	10	6	9	15	8	16	7	18	7	18	7
8	6	2·1	6	1·8	9	1·9	9	2·0	11	1·4	11	1·9	11	1·7	11	1·5	12	2·1	13	2·3	14	1·8	14	2·0	15	2·4	22	16	19	16	22	16	25	18	2·5	19	2·5	20	2·8	20	2·7	20	2·9	20	2·8	8
9	20	2·8	20	2·3	20	2·1	20	2·0	18	1·6	17	1·3	17	1·6·5	16	8·5	15	1·6	13	1·6	13	2·1	13	1·7	14	1·7	12	13	10·5	16	1·4	18	1·2	14	8·5	15	9·5	14	1·3	16	10·5	15	1·5	14	1·8	13	1·4	9
10	12	1·2	12	1·4	9	1·4	9	2·2	9	2·3	10	2·0	11	1·3	12	1·5	10	2·0	10	1·7	10	1·6	11	1·4	12	9·5	17	22	21	23	1·9	24	2·5	23	1·8	25	1·7	24	1·9	24	2·0	24	2·4	23	2·5	23	2·8	10
11	23	2·6	23	2·3	23	2·3	24	2·4	23	2·6	23	2·3	23	2·2	23	2·3	23	2·2	24	2·4	24	2·5	24	2·4	25	2·2	26	24	1·9	25	2·2	23	1·7	23	1·4	24	1·1	23	1·8	22	1·1	23	1·1	25	10·5	24	10·5	11
12	24	1·4	24	1·3	23	6·5	22	5·5	21	7·5	21	8·5	22	1·2	22	1·1	21	1·4	20	1·7	20	1·8	20	2·0	20	2·1	21	20	1·8	20	1·2	20	1·3	17	8·5	17	6·5	17	10·5	16	7·5	17	10·5	17	1·6	18	1·4	12
13	17	1·7	17	1·5	17	1·7	18	1·7	18	1·8	18	2·3	17	1·7	17	1·6	18	2·1	17	1·8	17	2·0	18	2·0	17	2·1	23	17	1·9	17	1·8	16	1·6	15	1·1	16	1·7	16	2·0	17	2·5	17	2·1	16	1·6	12	7·5	13
14	14	1·3	14	10·5	15	1·1	14	1·2	11	8·5	10	7·5	10	1·1	9	1·4	10	1·1	8	8·5	14	9·5	12	1·2	14	1·1	12	15	1·3	14	1·2	14	9·5	14	1·2	13	1·6	12	1·5	12	1·7	12	1·8	12	1·8	11	1·1	14
15	4	9·5	10	1·3	3	7·5	6	8·5	10	7·5	8	7·5	4	10·5	7	9·5	8	7·5	9	9·5	10	1·1	7	8·5	5	8·5	11	4·5	12	6·5	12	5·5	6	8·5	6	8·5	6	8·5	6	8·5	6	8·5	6	8·5	7	8·5	6	8·5	15
16	10	1·3	10	10·5	9	8·5	9	6·5	5	9·5	6	7·5	6	8·5	6	6·5	6	6·5	6	8·5	6	5·5	6	3	13	4·5	14	4·5	15	4·5	15	10·5	15	9·5	15	7·5	15	10·5	15	8·5	16	9·5	14	10·5	15	7·5	15	8·5	16
17	15	7·5	15	10·5	17	10·5	17	10·5	18	10·5	17	11	18	12	18	12	18	15	18	13	19	11	19	13	20	12	12	20	12	18	10·5	16	10·5	18	8·5	19	7·5	19	8·5	20	8·5	20	6·5	16	7·5	16	4	17
18	5	4·5	6	6·5	6	5·5	7	5·5	8	7·5	8	7·5	8	8·5	7	8·5	7	7·5	7	7·5	11	10·5	10	7·5	6	7·5	7·5	8	8·5	6	9·5	6	9·5	8	9·5	7	9·5	6	12	8	11	6	11	6	13	6	11	18
19	6	11	6	10·5	7	12	6	9·5	6	11	6	11	7	9·6	7	11	6	11	7	12	6	13	11	12	12	11	13	12	10·5	10	10·5	10	10·5	10	10·5	11	10·5	11	9·5	10	10·5	11	9·5	11	5·5	11	5·5	19
20	11	6·5	6	6·5	10	8·5	9	7·5	9	10·5	7	8·5	7	8·5	7	10·5	7	9·5	9	9·5	7	8·5	15	6·5	16	10·5	12	13	8·5	12	10·5	13	8·5	14	8·5	15	11	15	10·5	16	12	18	20	19	18	19	14	20
21	20	1·3	19	1·5	17	1·6	20	1·8	20	2·2	20	2·2	18	2·0	18	2·0	17	2·0	17	2·0	18	2·2	21	1·4	20	5·5	24	5·5	18	1·4	20	1·5	23	1·6	22	1·4	22	1·3	21	1·4	22	1·5	22	1·5	21	1·9	20	1·5	21
22	21	1·9	20	10·5	18	1·6	16	1·7	17	1·7	16	1·8	16	2·0	18	2·0	20	2·3	20	2·1	20	2·1	23	2·7	22	2·5	23	22	2·2	20	2·3	21	2·2	20	1·7	21	1·5	21	1·5	20	1·9	20	1·4	21	1·3	21	1·4	22
23	20	2·1	19	1·6	18	1·7	20	1·9	20	1·8	21	10·5	20	1·9	20	1·9	20	2·2	20	2·5	20	2·3	21	2·4	21	2·4	22	21	2·2	20	3·0	21	3·0	20	3·0	20	3·0	21	2·9	20	3·1	21	3·0	21	3·0	21	3·0	23
24	20	2·4	20	2·6	20	2·6	20	2·7	20	2·6	21	2·2	20	1·6	20	1·8	20	2·1	20	1·7	19	2·1	20	1·6	20	11	9·5	23	9·5	22	8·5	22	9·5	23	10·5	21	8·5	21	6·5	23	7·5	23	6·5	23	4	23	4	24
25	23	5·5	23	7·5	23	7·5	23	6·5	24	7·5	24	5·5	24	6·5	24	7·5	21	7·5	21	9·5	22	11	20	13	20	17	22	18	20	10·5	19	7·5	18	5·5	19	8·5	19	7·5	19	5·5	19	7·5	18	6·5	18	3	18	4	25
26	18	4·5	9	4·5	9	8·5	9	8·5	9	7·5	8	7·5	7	9·5	6	9·5	6	7·5	6	7·5	4	8·5	3	9·5	32	9·5	32	8·5	1	4	32	7·5	32	7·5	31	8·5	31	11	30	10·5	30	8·5	28	5·5	26	8·5	26	6·5	26
27	26	6·5	26	4·5	26	7·5	26	5·5	27	6·5	32	4·5	29	1·2	31	8·5	31	6·5	32	8·5	1	7·5	31	7·5	26	6·5	6·5	28	9·5	26	1·2	26	1·2	26	8·5	26	6·5	23	8·5	23	7·5	23	6·5	22	10·5	21	1·4	27
28	22	2·4	25	1·4	24	1·3	22	1·3	24	1·5	22	1·1	21	1·6	23	1·5	23	1·4	22	10·5	23	1·6	25	1·3	27	1·4	14	27	1·1	21	1·1	29	2·2	29	2·1	28	1·2	21	6·5	28	7·5	29	1·1	32	4·5	27	7·5	28
29	28	10·5	28	5·5	24	7·5	27	9·5	27	1·1	27	10·5	27	8·5	26	7·5	26	6·5	26	5·5	25	5·5	27	4·5	27	1·5	8·5	27	1·5	29	2·0	29	10·5	26	1·2	25	1·2	20	1·4	21	1·5	24	1·5	27	2·2	27	2·3	29
30	27	2·3	26	2·0	21	8·5	19	9·5	28	1·3	27	7·5	27	10·5	29	9·5	23	7·5	26	1·2	27	1·6	24	1·3	28	1·6	25	30	1·8	30	1·4	29	2·2	30	1·8	32	1·7	32	1·5	32	1·5	29	1·2	32	1·5	32	9·5	30
31	31	9·5	32	9·5	31	10·5	30	9·5	30	10·5	30	6·5	29	5·5	30	6·5	30	4	28	7·5	32	8·5	30	10·5	32	8·5	32	32	7·5	29	9·5	28	6·5	28	4·5	28	6·5	28	4	28	4	28	4	28	2	28	3	31

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 150 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	.	.	.	.091	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.002	.018	.045	.003	.	.	.001	.	.	.	.	.	.	.	.012	.048	.	.030	.013	.020	.027	.	.	.020	3
4	.009	.001	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.001	.	4
5	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.005	.001	.001	.001	.001	.001	.	.	.	.010	.	.030	.	.	.002	.007	.001	.035	.125	.104	.	.	.010	.010	7
8	.	.	.	.	.	.	.	.	.	.005	.125	.	.	.	.	.	.	.	.	.	.	.	.005	.029	.001	8
9	.	.001	.	.	.	.	.	.	.	.	.	.	.004	.090	.026	.102	.	.	.	.	.	.	.008	.009	.001	9
10	.009	.002	.001	.003	.038	.049	.001	.	.	.	.	.	.060	.009	.001	.030	.035	.045	.038	.015	.006	.	.	.	.002	10
11	.003	.034	.010	.005	.	.001	.030	.008	.001	.003	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.029	.001	11
12	.001	.001	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.007	.011	19
20	.007	.005	.005	.005	.010	.010	.002	.001	.001	.001	.	.	.	.	.	.	.	.	.	.002	.003	.015	.018	.002	20
21	.019	.003	.038	.092	.033	.015	.030	.030	.055	.030	.020	.054	.091	.070	.052	.068	.069	.021	.040	.070	.010	.	.010	.009	21
22	.	.001	.001	.	.001	.002	.001	.005	.035	.090	.017	.	.	.	.	.020	.	.003	.	.	.	.	.	.006	22
23	.001	.	.017	.003	.003	.037	.010	.	.040	.015	.045	.120	.080	.110	.120	.038	.012	.050	.017	.003	.060	.093	.092	.009	23
24	.006	.040	.044	.076	.004	.006	.050	.002	.003	.	.	.010	.062	.046	.050	.002	.	.	.	.	.002	.001	.	.006	24
25	.001	.	.	.	.	.002	.001	.002	.	.	.	.010	.	.002	.018	.020	.	.	.	.	.	.	.	.	25
26	.003	.	.002	.	.	.002	.	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.060	.	.010	.010	.010	.009	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.017	.003	.	.	30
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	31

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.268	.259	.255	.253	.250	.253	.222	.212	.217	.211	.193	.203	.197	.210	.221	.230	.231	.225	.228	.222	.236	.220	.223	1
2	.205	.198	.195	.187	.188	.192	.191	.201	.226	.248	.266	.254	.264	.279	.297	.305	.305	.312	.319	.318	.321	.339	.355	2
3	.379	.379	.390	.406	.405	.421	.412	.412	.410	.414	.403	.403	.421	*	*	.417	.409	.410	.407	.404	.407	.401	.404	3
4	.402	.402	.398	.384	.389	.339	.340	.347	.351	.354	.353	.360	.365	.370	.374	.375	.381	.375	.378	.377	.378	.377	.378	4
5	.378	.370	.377	.375	.375	.380	.388	.394	.402	.419	.440	.460	.448	.456	.444	.448	.428	.408	.396	.404	.401	.407	.406	5
6	.424	.393	.407	.408	.387	.399	.391	.399	.386	.406	.407	.419	.437	.439	.443	.446	.422	.408	.414	.412	.403	.417	.424	6
7	.411	.408	.411	.405	.394	.407	.406	.398	.405	.413	.414	.390	.392	.402	.388	.377	.360	.358	.364	.361	.373	.379	.374	7
8	.373	.375	.361	.340	.338	.351	.364	.372	.381	.392	.369	.370	.378	.380	.378	.396	.400	.406	.394	.391	.395	.393	.379	8
9	.356	.356	.343	.351	.349	.330	.324	.362	.377	.367	.376	.398	.412	.421	.431	.395	.379	.364	.359	.358	.371	.367	.371	9
10	.367	.349	.349	.365	.359	.368	.374	.360	.363	.373	.385	.415	.434	.427	.422	.385	.381	.377	.377	.357	.336	.350	.342	10
11	.341	.339	.309	.305	.309	.311	.316	.306	.314	.298	.287	.292	.270	.277	.252	.253	.258	.292	.298	.299	.316	.305	.304	11
12	.296	.293	.288	.292	.289	.305	.304	.316	.294	.280	.302	.306	.303	.296	.278	.263	.280	.286	.288	.290	.301	.311	.319	12
13	.332	.335	.337	.338	.338	.333	.337	.340	.344	.332	.336	.323	.311	.319	.333	.334	.336	.321	.314	.320	.328	.321	.323	13
14	.305	.297	.306	.305	.286	.282	.288	.291	.303	.309	.293	.300	.303	.296	.279	.271	.257	.274	.265	.264	.266	.257	.251	14
15	.212	.244	.248	.257	.257	.236	.251	.259	.272	.276	.283	.300	.294	.314	.314	.323	.321	.326	.328	.323	.325	.322	.316	15
16	.295	.291	.290	.288	.290	.297	.302	.316	.316	.327	.331	.344	.351	.347	.340	.342	.342	.336	.337	.337	.323	.326	.332	16
17	.346	.346	.347	.341	.341	.343	.346	.354	.358	.375	.382	.381	.379	.375	.378	.367	.370	.351	.355	.340	.325	.311	.309	17
18	.310	.320	.332	.316	.311	.298	.306	.288	.300	.303	.310	.332	.346	.361	.347	.345	.344	.322	.324	.299	.296	.302	.307	18
19	.314	.317	.309	.308	.320	.303	.294	.301	.319	.333	.321	.317	.323	.331	.321	.334	.334	.322	.328	.328	.333	.338	.338	19
20	.327	.334	.328	.334	.337	.334	.335	.334	.332	.339	.345	.364	.364	.358	.360	.369	.371	.379	.387	.399	.404	.398	.405	20
21	.390	.390	.393	.343	.328	.330	.328	.334	.329	.331	.333	.311	.305	.322	.320	.305	.258	.257	.258	.235	.229	.224	.211	21
22	.216	.221	.222	.223	.222	.228	.249	.254	.256	.260	.247	.237	.239	.237	.230	.224	.217	.211	.223	.214	.212	.213	.220	22
23	.231	.247	.251	.250	.250	.252	.258	.261	.253	.260	.264	.265	.272	.275	.269	.268	.267	.268	.266	.270	.260	.269	.265	23
24	.270	.270	.266	.256	.253	.263	.258	.265	.263	.261	.270	.266	.283	.291	.260	.263	.260	.252	.246	.244	.246	.254	.253	24
25	.249	.243	.240	.234	.242	.257	.255	.236	.250	.259	.247	.249	.234	.238	.236	.241	.240	.234	.230	.241	.238	.240	.235	25
26	.234	.233	.237	.235	.233	.240	.240	.233	.241	.215	.212	.214	.211	.222	.229	.226	.219	.216	.206	.195	.205	.205	.207	26
27	.206	.212	.217	.226	.232	.231	.221	.224	.221	.217	.212	.224	.252	.219	.243	.238	.227	.214	.213	.209	.208	.246	.239	27
28	.221	.224	.207	.210	.218	.210	.207	.217	.223	.226	.219	.208	.201	.201	.222	.204	.205	.198	.198	.182	.191	.197	.184	28
29	.189	.192	.184	.179	.173	.172	.174	.181	.180	.185	.173	.172	.144	.147	.146	.143	.142	.138	.146	.162	.170	.173	.181	29
30	.193	.198	.188	.189	.194	.203	.200	.205	.208	.196	.199	.199	.196	.196	.201	.198	.200	.203	.207	.201	.193	.183	.181	30
31	.171	.165	.162	.164	.147	.138	.145	.155	.161	.174	.172	.175	.178	.181	.177	.175	.172	.167	.165	.176	.173	.170	.167	31

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116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG 2°6′ W — HOURLY VALUES October 1878.

BAROMETER. CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.866	29.867	29.880	29.886	29.894	29.899	29.901	29.903	29.920	29.935	29.950	29.967	29.974	29.994	30.010	30.020	30.036	30.062	30.074	30.085	30.100	30.114	30.127	30.134	1
2	30.142	30.150	30.140	30.145	30.152	30.152	30.150	30.150	30.150	30.145	30.138	30.124	30.113	30.094	30.077	30.064	30.055	30.040	30.031	30.007	29.980	29.963	29.944	29.930	2
3	29.918	29.890	29.875	29.853	29.846	29.839	29.846	29.850	29.840	29.843	29.853	29.855	29.845	29.845	29.847	29.855	29.869	29.889	29.900	29.914	.929	.947	.967	.985	3
4	30.001	30.016	30.023	30.023	30.032	30.040	30.050	30.056	30.054	30.057	30.057	30.043	30.032	30.017	30.008	30.004	30.004	30.005	30.000	.997	.987	.980	.979	.962	4
5	29.905	29.961	29.950	29.944	29.941	29.949	29.950	29.950	29.935	29.945	29.930	29.917	29.904	29.895	29.872	29.853	29.849	29.837	29.832	.818	.806	.788	.769	.755	5
6	.746	.725	.700	.688	.671	.660	.637	.629	.613	.576	.563	.549	.525	.518	.501	.481	.473	.471	.471	.464	.461	.458	.452	.441	6
7	.427	.413	.396	.368	.360	.346	.337	.328	.321	.318	*	† .305	*	† .275	*	29.281	.283	29.285	.288	29.299	29.288	29.281	29.263	29.251	7
8	.227	.186	.156	.128	.108	.088	.088	.070	.062	.045	.056	.041	.031	.021	.016	28.998	.002	28.995	29.003	28.984	28.978	28.971	28.972	28.984	8
9	29.014	29.030	29.045	29.078	29.091	29.131	29.148	29.180	29.181	29.180	29.180	29.167	29.155	29.120	29.098	29.066	29.041	29.010	28.992	29.000	.987	.980	.990	.985	9
10	28.980	28.967	28.945	28.935	28.907	28.899	28.880	28.882	28.869	28.865	28.856	28.847	28.837	28.818	28.797	28.774	28.760	28.761	28.772	28.780	28.804	28.829	28.866	28.912	10
11	28.944	28.972	29.000	29.033	29.072	29.115	29.164	29.207	29.244	29.280	29.315	29.352	29.391	29.435	29.476	29.523	29.566	29.619	29.651	29.672	29.696	29.726	29.751	29.774	11
12	29.803	29.824	.839	.855	.873	.892	.917	.936	.949	.959	.967	.970	.977	.976	.974	.983	.993	.990	30.001	.988	.978	.974	.970	.973	12
13	.973	.961	.945	.942	.937	.933	.925	.927	.911	.916	.921	.916	.905	.905	.906	.900	.880	.892	29.889	.872	.885	.885	.889	.898	13
14	.900	.894	.892	.897	.902	29.900	29.910	29.924	29.935	29.944	29.956	29.962	29.959	29.951	29.949	29.943	29.949	29.962	29.968	29.979	29.980	29.981	29.986	29.986	14
15	29.989	29.993	29.994	29.989	29.994	30.007	30.018	30.034	30.046	30.059	30.069	30.060	30.057	30.041	30.056	30.055	30.067	30.072	30.075	30.077	30.075	30.067	30.062	30.054	15
16	30.043	30.033	30.017	30.016	30.005	29.988	29.986	29.985	29.976	29.974	29.950	29.942	29.927	29.916	29.915	29.900	29.887	29.884	29.887	29.872	29.854	29.837	29.816	29.821	16
17	29.817	29.804	29.785	29.776	29.765	.770	.761	.769	.773	.762	.766	.760	.740	.748	.753	.751	.759	.761	.784	.791	.799	.809	.815	.818	17
18	.823	.825	.826	.828	.841	.842	.854	.863	.873	.879	.879	.872	.862	.859	.855	.853	.854	.856	.863	.862	.864	.859	.853	.839	18
19	.833	.823	.815	.811	.804	.808	.811	.810	.806	.806	.803	.791	.788	.783	.778	.772	.773	.781	.777	.768	.770	.765	.755	.745	19
20	.737	.723	.712	.702	.697	.690	.689	.683	.668	.661	29.645	29.620	29.603	29.581	29.558	29.538	29.512	29.494	29.469	29.443	29.407	29.370	29.328	29.285	20
21	29.252	29.215	29.179	29.145	29.118	29.084	29.062	29.048	29.025	29.000	28.976	28.937	28.907	28.860	28.816	28.782	28.737	28.674	28.653	28.621	28.606	28.633	28.649	28.674	21
22	28.684	28.699	28.717	28.738	28.742	28.769	28.764	28.761	28.764	28.759	.747	.743	.747	.767	.787	.819	.847	.868	.885	.902	.914	.914	.913	.931	22
23	.927	.926	.926	.914	.917	.918	.920	.927	.940	.940	.951	.946	.923	.927	.912	.907	.908	.908	.911	.906	.900	.886	.887	.900	23
24	.901	.899	.908	.913	.926	.928	.932	.937	.946	.938	.942	.926	.913	.886	.878	.873	.868	.868	.874	.881	.885	.882	.883	.878	24
25	.873	.866	.863	.861	.857	.856	28.870	28.871	28.870	28.858	28.862	28.857	28.855	28.854	28.845	28.840	28.845	28.846	28.856	28.864	28.874	28.884	28.896	28.911	25
26	28.919	28.930	28.945	28.957	28.967	28.984	29.005	29.029	29.045	29.059	29.069	29.076	29.077	29.083	29.100	29.109	29.129	29.146	29.157	29.166	29.173	29.180	29.186	29.196	26
27	29.204	29.217	29.226	29.250	29.272	29.300	.329	.354	.371	.384	.408	.419	.410	.423	.442	.434	.465	.466	.463	.463	.444	.430	.398	.370	27
28	.323	.325	.292	.278	.268	.265	.264	.274	.270	.267	.272	.275	.280	.288	.288	.282	.330	.380	.415	.442	.475	.512	.550	.541	28
29	.572	.588	.592	.597	.595	.597	.601	.597	.588	.594	.578	.579	.573	.563	.575	.570	.563	.522	.482	.438	.410	.394	.377	.379	29
30	.379	.395	.411	.419	.430	.438	.439	.448	.464	.494	.530	.561	.573	.577	.608	.639	.643	.669	.693	.715	.743	.762	.785	.798	30
31	29.811	29.814	29.818	29.832	29.828	29.833	29.837	29.840	29.846	29.852	29.856	29.839	29.841	29.837	29.838	29.841	29.849	29.860	29.876	29.884	29.885	29.894	29.901	29.911	31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	39.6	39.4	39.1	39.7	39.4	39.0	40.5	43.3	45.3	46.5	48.1	49.2	49.4	49.3	48.5	49.8	48.2	46.0	46.0	43.7	42.1	41.6	41.0	40.3
2	40.3	40.6	39.4	37.5	37.6	37.0	37.7	38.5	42.1	46.5	49.0	50.8	51.2	51.8	51.9	51.0	49.2	48.9	47.8	47.7	48.6	47.5	47.2	47.1
3	47.6	48.0	49.3	50.0	49.6	49.6	51.0	51.9	53.6	58.0	61.0	61.7	62.2	62.5	62.0	60.6	58.3	54.3	54.0	52.7	52.3	52.0	51.4	50.7
4	50.4	49.3	47.7	47.3	48.0	47.9	48.5	49.0	49.2	49.7	49.4	49.6	50.3	49.4	50.0	49.5	50.0	49.3	49.6	50.0	50.0	50.5	50.7	51.0
5	51.6	51.7	51.9	52.1	52.3	52.4	52.5	52.7	53.0	53.0	53.7	56.1	56.0	55.3	55.6	55.4	55.4	55.4	55.0	55.4	54.7	54.8	55.9	56.0
6	56.7	54.9	54.3	54.4	54.7	54.7	55.0	55.8	57.2	57.2	56.7	56.4	56.5	56.4	56.4	56.1	55.1	54.9	54.5	54.6	56.0	55.0	55.7	55.6
7	55.7	55.3	55.1	55.0	54.6	54.5	54.8	54.9	55.0	55.4	*	†57.0	*	†57.6	57.2	57.0	55.6	54.4	54.4	54.0	53.8	54.0	54.8	55.0
8	54.7	55.0	54.9	54.7	55.0	55.5	55.1	55.0	55.3	56.7	56.9	56.4	56.4	56.5	56.4	55.8	55.4	55.5	55.4	55.5	55.2	55.1	55.5	55.7
9	55.8	55.4	55.2	54.4	54.2	53.5	53.1	53.4	55.7	56.8	57.0	55.5	56.0	54.7	54.5	54.1	54.1	54.4	55.0	55.3	54.2	53.8	54.1	53.7
10	54.0	54.2	54.1	54.0	53.7	53.4	54.0	53.7	53.8	54.6	55.7	56.0	55.2	55.0	54.7	54.7	54.2	54.0	54.1	54.1	53.8	54.0	54.6	54.2
11	54.2	54.6	54.5	54.5	54.4	54.4	53.6	53.4	54.0	55.7	56.1	56.0	54.8	55.0	53.6	52.8	51.7	50.6	50.1	49.2	49.6	49.0	48.2	48.1
12	46.6	45.0	48.5	48.5	48.1	47.6	46.8	49.0	50.5	53.7	55.4	56.3	57.3	57.0	56.4	54.8	52.8	50.7	50.8	50.2	49.4	48.9	48.0	48.3
13	48.5	48.3	48.6	48.8	49.6	50.0	51.6	53.1	53.4	55.0	56.2	56.2	56.7	55.4	55.4	54.9	54.3	53.8	53.8	53.9	53.8	53.7	53.5	53.0
14	52.5	52.3	52.0	51.3	51.2	51.1	50.7	50.7	51.0	51.7	52.5	53.3	53.3	53.3	53.7	54.1	53.2	52.6	52.4	52.7	52.9	52.7	52.6	52.5
15	52.5	52.5	52.7	52.4	52.1	52.2	51.9	52.2	52.5	53.4	54.1	54.5	53.9	54.1	53.7	53.5	52.7	52.6	52.1	52.0	51.6	52.0	51.9	51.7
16	51.2	51.3	51.6	51.8	52.0	52.2	52.4	52.5	53.4	53.3	53.6	53.4	53.4	53.4	53.2	52.8	52.8	52.9	52.9	52.8	52.8	52.7	52.6	52.1
17	52.0	51.9	51.9	51.8	52.7	52.6	52.7	53.0	53.6	54.2	55.0	55.7	54.8	54.5	54.7	54.7	54.4	54.2	54.1	54.5	54.0	53.9	54.1	52.7
18	51.4	50.3	49.0	47.1	46.5	46.4	46.9	47.5	50.6	52.3	52.3	52.8	53.7	53.9	53.2	53.1	52.8	52.5	51.8	52.0	52.0	52.5	52.6	52.7
19	52.7	52.7	52.7	52.6	52.7	53.0	52.7	52.6	52.8	53.3	53.0	53.4	53.7	53.6	53.5	53.3	53.2	53.1	53.1	53.0	53.1	53.0	53.0	53.0
20	53.0	53.0	52.9	52.7	52.7	52.7	52.8	52.8	53.3	53.8	54.0	53.9	54.0	53.7	53.6	53.1	52.7	52.7	52.7	52.7	52.8	52.8	52.6	52.7
21	53.0	53.4	53.5	53.5	53.7	53.5	53.4	52.0	51.6	51.7	52.0	53.0	51.9	51.6	51.5	50.5	49.6	51.6	49.4	48.7	47.9	46.0	44.1	42.4
22	41.6	40.8	40.7	39.9	39.9	39.3	39.6	40.2	43.9	45.2	46.6	47.1	48.9	49.7	49.4	48.3	46.0	44.0	43.0	41.7	41.0	39.9	40.3	40.0
23	39.7	40.3	39.4	40.2	41.3	42.1	41.8	42.4	43.3	43.6	44.3	45.7	46.4	45.5	45.7	45.8	45.8	45.4	44.8	44.4	45.2	45.7	46.8	45.7
24	45.4	45.4	45.0	44.7	45.5	44.4	43.1	43.6	44.9	46.4	47.0	47.7	48.8	49.5	49.6	48.4	47.5	47.0	47.3	45.5	46.1	45.5	44.1	43.7
25	42.6	42.1	41.8	41.3	41.6	42.0	41.6	41.8	42.6	43.5	45.6	46.4	47.4	47.2	47.9	46.6	44.6	42.5	41.6	41.2	40.4	39.9	39.4	38.5
26	37.6	35.4	36.2	35.6	35.2	33.6	34.2	35.9	39.0	40.3	42.7	45.5	46.9	46.4	45.6	45.5	45.0	44.0	41.1	39.0	39.7	40.6	40.6	40.7
27	42.0	42.3	45.3	45.6	45.9	45.9	45.6	45.2	46.0	46.5	47.6	47.4	47.4	46.3	46.6	45.0	43.6	43.4	42.8	41.0	40.2	39.2	38.5	38.5
28	40.5	41.8	38.4	37.8	37.3	36.8	35.1	34.6	38.4	40.1	41.6	43.0	43.3	43.6	43.6	41.9	43.1	42.8	43.6	43.1	42.9	42.0	39.8	41.5
29	40.3	39.7	39.9	37.4	35.6	35.4	34.1	35.0	36.0	35.7	34.7	37.4	35.5	37.4	35.0	35.2	33.7	33.7	34.0	36.0	36.7	37.7	38.1	38.3
30	37.6	37.7	36.4	36.5	38.1	39.0	39.2	40.4	41.6	42.9	43.7	43.5	42.1	42.2	42.6	42.6	43.0	44.4	44.1	43.5	42.9	43.2	43.0	42.9
31	41.4	39.3	40.3	39.6	39.3	38.8	39.0	38.5	39.8	39.8	40.5	41.6	43.4	42.7	41.2	40.3	38.5	38.0	38.4	38.6	38.6	39.1	39.0	40.8

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
38.4	37.7	37.7	37.6	37.6	37.1	38.1	39.9	41.3	42.9	44.2	45.0	44.8	45.0	44.6	45.3	44.0	43.1	42.2	41.4	40.5	40.1	39.3	38.7	1
38.7	38.8	38.0	36.5	36.3	35.8	36.3	37.1	39.6	42.5	44.8	45.1	44.8	45.8	45.6	46.2	45.0	44.6	43.9	44.0	45.3	45.7	45.7	46.0	2
46.4	46.6	48.1	48.7	48.6	48.6	49.7	50.5	51.8	53.5	55.2	55.0	54.9	55.5	55.3	54.8	54.2	52.6	51.6	50.3	49.9	49.8	48.6	48.3	3
47.8	47.6	46.4	46.0	45.6	45.3	45.4	46.0	45.4	46.6	47.0	47.0	47.1	47.5	47.2	47.6	47.7	47.6	48.1	48.6	49.3	49.4	50.0	50.6	4
51.1	51.3	51.6	51.9	52.2	52.3	52.5	52.7	52.8	52.8	53.6	54.9	54.9	54.4	54.7	54.9	55.1	55.3	54.8	55.1	54.7	54.8	55.6	55.6	5
56.1	54.5	54.3	54.4	54.6	54.7	54.9	55.7	55.8	55.3	54.8	54.6	54.9	54.9	54.8	54.6	54.1	54.0	53.9	54.0	55.2	54.5	55.3	55.4	6
55.6	55.3	55.1	55.0	54.6	54.5	54.7	54.8	55.0	55.4	*	†56.0	*	†56.3	56.4	55.7	55.0	53.9	54.0	53.6	53.1	53.2	53.6	53.7	7
53.6	53.8	53.6	53.7	54.1	54.4	54.6	54.4	54.4	54.9	55.0	54.5	54.6	54.7	54.8	54.3	53.8	53.7	53.7	53.7	53.4	53.6	54.0	54.0	8
53.6	53.3	53.0	52.4	52.0	51.4	50.7	51.0	52.8	53.0	53.7	53.2	53.6	53.9	53.3	53.5	54.0	54.1	54.7	54.9	53.7	52.8	52.7	52.9	9
52.8	53.3	53.1	53.0	52.9	52.5	52.8	53.0	53.1	53.5	54.2	54.1	53.8	53.8	53.6	53.6	53.7	53.9	54.1	53.8	53.7	53.4	53.6	51.8	10
52.0	51.2	50.6	50.6	50.5	50.4	50.2	49.3	49.6	50.7	51.2	51.1	50.9	49.7	48.6	47.8	46.8	46.2	44.8	44.0	43.6	43.7	43.6	43.8	11
43.3	42.6	44.9	45.0	44.9	44.2	43.6	45.0	46.1	47.8	48.1	48.7	48.2	49.3	49.9	49.0	48.6	46.8	47.0	46.7	46.3	45.9	45.5	45.8	12
46.0	46.1	46.6	47.0	48.0	49.0	50.3	51.2	51.5	52.2	52.7	53.7	53.2	52.7	52.6	52.3	51.6	51.6	51.7	51.5	51.2	51.2	51.0	50.5	13
50.0	49.7	49.4	49.0	48.4	48.4	48.0	48.3	48.0	48.4	49.6	49.8	50.4	50.5	50.9	51.3	50.7	50.8	51.1	51.6	51.6	51.0	50.8	50.5	14
50.4	50.4	50.0	49.8	49.7	49.7	49.5	50.0	50.0	50.2	50.0	51.2	51.1	50.9	50.8	49.8	50.0	50.3	51.1	51.1	50.9	51.1	51.0	50.7	15
50.3	50.3	50.6	50.4	49.0	49.4	50.0	50.9	51.8	51.8	52.1	52.0	51.6	51.7	51.9	51.8	51.9	52.0	52.1	51.8	51.9	51.7	51.3	50.9	16
50.6	50.4	50.3	50.3	50.6	50.8	51.2	51.3	51.7	52.4	53.0	53.3	53.0	52.8	53.1	53.0	53.0	52.8	52.7	52.6	52.4	52.3	52.1	51.0	17
50.1	49.0	47.8	46.3	45.6	45.4	45.7	46.4	49.8	51.6	51.3	51.0	51.7	52.1	51.8	52.1	52.1	51.2	50.8	51.3	51.3	51.6	51.9	52.3	18
52.2	51.8	51.8	51.2	51.0	50.6	50.6	51.1	51.1	51.0	51.4	51.8	52.0	52.4	52.6	52.4	52.4	52.4	52.4	52.5	52.6	52.5	52.4	52.4	19
52.5	52.4	52.2	52.0	52.0	52.0	51.9	51.9	52.2	52.0	52.0	52.3	52.3	52.1	52.0	51.6	51.6	51.7	52.0	51.9	52.1	52.1	52.1	52.3	20
52.4	52.7	53.0	53.0	52.8	52.7	52.8	50.0	50.0	49.9	50.0	50.6	49.7	50.0	50.0	49.5	48.7	50.5	47.7	47.0	46.3	43.0	41.8	40.0	21
39.4	39.0	38.2	37.5	37.6	37.6	37.8	38.3	40.3	41.5	42.8	43.5	44.6	44.3	43.6	43.0	41.5	40.1	39.4	39.3	38.7	38.0	38.3	38.0	22
37.8	38.4	37.8	38.4	39.4	40.0	40.1	40.7	41.2	41.2	41.8	43.0	43.1	42.4	43.0	43.1	43.1	42.7	42.4	42.6	43.0	43.3	43.7	43.7	23
43.2	42.5	42.4	42.3	42.1	41.8	41.1	42.1	42.8	43.7	44.0	44.4	45.0	45.4	45.5	44.9	44.0	44.6	43.7	42.7	43.0	42.7	41.7	41.3	24
40.2	40.0	39.7	39.3	39.5	40.0	40.0	40.0	40.3	40.6	41.4	41.7	42.0	42.7	44.0	43.4	41.7	40.5	39.8	39.8	39.0	38.6	38.2	37.7	25
36.8	34.9	35.6	35.2	34.8	33.3	33.8	35.2	38.1	39.3	41.3	43.9	44.9	44.7	43.4	43.5	42.6	41.4	39.3	38.2	38.7	39.8	39.8	39.8	26
41.1	41.4	43.7	44.3	44.3	44.0	43.2	42.0	42.6	43.0	44.0	44.3	44.3	44.2	43.8	43.2	41.5	41.5	40.8	39.5	38.5	37.6	37.1	36.8	27
37.3	38.3	36.8	35.7	35.1	34.9	33.7	33.4	35.9	36.9	38.0	39.4	39.6	40.0	40.1	40.2	41.4	41.0	40.9	41.2	40.9	40.2	38.7	38.0	28
36.1	35.9	35.3	33.8	34.3	33.8	33.6	34.0	34.3	34.1	33.7	34.9	33.3	33.7	32.8	32.3	31.0	*	*	33.6	35.3	35.7	36.1	36.3	29
36.5	37.0	35.8	35.9	37.2	38.1	38.6	39.7	41.0	42.0	42.8	42.5	41.2	41.2	41.6	41.6	41.8	43.0	42.6	42.4	41.9	41.4	40.5	40.2	30
40.0	37.7	38.6	38.0	37.7	37.4	37.8	36.6	38.2	38.4	39.0	39.4	40.0	40.0	39.1	38.5	37.1	37.0	37.6	37.8	37.8	38.0	38.0	39.8	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10'N. LONG: 2°6' W. **HOURLY VALUES** *October* **1878.**

WIND

DIRECTION IN NUMBERS {8–E 24–W, 16–S 32–N} AND VELOCITY IN MILES PER HOUR.

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	28	12	27	14	27	15	26	18	26	17	25	19	25	16	25	23	26	26	26	25	26	23	26	23
2	26	10·5	26	9·5	26	7·5	23	4·5	23	4·5	23	4	23	5·5	23	4	23	4	22	7·5	18	9·5	16	11
3	17	6·5	17	10·5	17	8·5	17	10·5	17	5·5	17	4·5	17	4·5	17	4·5	17	7·5	20	16	20	15	21	14
4	27	4·5	27	6·5	27	7·5	27	6·5	4	10·5	5	11	6	10·5	7	12	9	10·5	10	10·5	11	13	11	12
5	12	13	12	9·5	12	6·5	12	8·5	12	5·5	12	3	12	3	12	2	12	4	12	9·5	12	6·5	13	10·5
6	16	4·5	16	4·5	15	6·5	15	5·5	15	7·5	15	7·5	15	10·5	15	11	15	14	14	27	14	30	14	21
7	17	7·5	16	5·5	16	6·5	16	6·5	16	7·5	16	6·5	16	5·5	16	8·5	16	9·5	16	10·5	...	...	*	*
8	13	10·5	13	15	12	24	12	27	12	26	12	29	13	29	13	29	13	29	13	33	12	28	12	26
9	16	16	17	18	17	19	17	18	16	18	16	16	17	17	14	14	15	12	14	18	14	22	13	22
10	14	21	14	21	13	21	13	22	13	22	13	22	13	26	13	22	13	25	13	23	12	22	12	23
11	24	23	24	24	22	26	22	23	23	20	23	17	23	17	23	16	23	14	22	18	22	24	23	21
12	20	9·5	20	5·5	20	6·5	21	9·5	20	9·5	18	10·5	19	11	19	12	17	9·5	19	10·5	21	11	21	10·5
13	13	14	14	13	14	11	14	9·5	14	9·5	16	11	15	14	16	19	16	24	16	19	15	15	14	15
14	13	15	14	20	14	20	14	17	15	17	14	19	14	22	15	18	15	20	14	19	14	17	14	17
15	13	24	13	24	13	25	13	24	12	22	13	13	13	17	13	16	12	19	12	20	12	19	12	19
16	12	11	12	12	11	15	12	10·5	12	10·5	13	9·5	13	10·5	12	13	13	15	13	15	12	17	13	15
17	14	11	14	13	14	11	14	13	14	9·5	14	13	14	14	13	11	14	14	13	13	14	17	13	19
18	16	7·5	17	7·5	16	6·5	16	5·5	16	6·5	16	5·5	16	5·5	16	5·5	16	5·5	12	8·5	12	14	13	12
19	12	13	12	14	12	14	12	15	12	16	11	18	11	20	12	23	11	24	12	25	11	20	11	20
20	13	15	13	13	13	12	13	12	13	13	14	12	13	12	12	15	13	18	12	16	13	19	13	15
21	13	19	13	17	13	18	14	16	13	19	13	22	14	21	16	14	15	18	15	18	14	24	13	21
22	17	19	17	19	16	15	16	8·5	16	18	14	8·5	14	14	14	12	16	16	14	15	15	23	15	20
23	16	14	16	11	16	9·5	14	12	14	13	14	10·5	14	8·5	14	9·5	14	10·5	15	9·5	16	16	15	18
24	15	14	17	15	16	10·5	16	6·5	17	9·5	17	6·5	14	13	16	14	15	14	16	13	16	17	19	16
25	24	8·5	24	10·5	22	11	24	13	24	10·5	24	10·5	23	5·5	24	8·5	24	8·5	24	13	23	10·5	24	7·5
26	17	4·5	22	4·5	23	7·5	24	8·5	24	8·5	25	12	26	12	26	8·5	26	15	26	15	26	13	27	11
27	26	16	26	13	27	14	28	14	28	15	28	15	27	18	27	19	27	18	27	17	28	26	28	22
28	21	10·5	25	17	24	15	25	9·5	24	11	24	5·5	21	8·5	21	6·5	22	10·5	27	13	28	20	28	21
29	1	15	1	15	31	14	30	14	28	18	28	19	28	20	29	16	29	21	31	19	29	25	29	26
30	30	18	30	14	30	14	30	14	30	14	30	10·5	30	9·5	30	9·5	30	8·5	30	7·5	1	9·5	3	11
31	32	25	32	26	1	18	1	20	32	20	1	18	32	16	32	16	32	21	32	16	32	17	31	22

DAYS	1		2		3		4		5		6		7		8		9		10		11		MIDT.	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	26	26	26	18	27	16	27	13	28	12	28	10·5	28	13	28	9·5	28	8·5	28	7·5	26	11	26	8·5
2	16	14	17	14	18	12	16	9·5	16	8·5	17	7·5	17	4·5	17	5·5	17	9·5	17	9·5	17	8·5	17	7·5
3	22	11	22	10·5	22	8·5	24	8·5	24	4·5	12	4·5	31	7·5	28	10·5	27	13	27	7·5	27	7·5	27	4
4	11	11	11	13	11	11	11	12	11	12	11	13	11	16	12	14	12	15	12	17	12	14	12	13
5	14	11	14	10·5	14	8·5	14	8·5	14	11	14	10·5	14	8·5	14	10·5	14	11	14	12	14	11	16	6·5
6	14	15	16	6·5	15	17	14	15	14	12	14	9·5	14	9·5	14	7·5	17	10·5	16	6·5	16	9·5	15	10·5
7	...	...	...	...	*	*	...	...	14	*	14	10·5	15	11	15	7·5	15	7·5	15	9·5	14	16	14	14
8	12	29	13	24	13	24	13	25	13	23	13	23	14	22	14	24	13	23	14	24	15	21	15	19
9	13	24	13	25	12	23	13	24	13	22	13	28	14	22	16	16	17	11	14	14	14	16	13	19
10	12	24	12	22	12	24	12	22	11	15	10	8·5	6	4·5	29	9·5	26	13	26	20	25	22	24	22
11	23	26	22	26	22	28	22	19	22	22	22	15	21	14	21	14	21	15	21	13	20	9·5	21	12
12	22	[illegible]	22	8·5	19	9·5	19	14	17	8·5	17	10·5	18	11	16	11	15	10·5	16	11	15	7·5	14	10·5
13	15	16	15	20	13	19	14	17	13	20	14	14	14	16	14	21	14	18	14	17	14	18	14	16
14	14	16	13	20	13	19	14	22	13	23	13	21	13	16	14	13	13	17	14	15	14	17	13	23
15	12	18	12	15	13	14	13	13	12	10·5	12	14	11	15	11	14	12	13	12	13	12	13	12	11
16	13	16	14	13	13	13	13	16	13	13	13	13	14	10·5	14	12	13	15	13	14	15	17	14	14
17	13	22	15	11	15	9·5	16	10·5	14	11	14	12	17	7·5	16	12	16	10·5	16	12	16	11	16	9·5
18	13	15	13	12	12	16	12	12	12	13	12	15	12	14	12	14	12	12	12	13	12	14	12	15
19	11	21	11	18	12	19	12	16	12	17	12	17	12	19	11	16	12	18	12	15	13	14	13	14
20	13	16	12	16	12	14	13	15	12	16	13	15	13	14	14	15	12	19	13	17	12	20	13	23
21	13	23	13	23	13	28	14	16	14	16	12	26	15	14	15	12	16	16	18	16	17	20	17	19
22	16	24	17	24	18	20	17	16	17	12	17	12	15	14	16	14	16	12	16	15	16	17	16	14
23	17	22	16	19	16	22	16	20	16	22	16	18	14	14	14	20	14	13	15	18	16	22	16	17
24	20	12	20	8·5	19	6·5	19	5·5	20	6·5	23	5·5	23	5·5	23	6·5	24	8·5	24	7·5	23	8·5	24	12
25	23	3	16	7·5	15	8·5	15	11	15	5·5	16	4	16	4·5	16	4	17	4·5	17	3	17	3	17	4·5
26	28	11	31	10·5	4	13	31	10·5	29	13	30	11	29	12	27	10·5	27	14	26	13	26	13	26	12
27	28	27	29	21	28	21	29	20	26	15	27	13	26	9·5	25	7·5	26	5·5	22	7·5	22	10·5	22	9·5
28	28	24	28	22	28	19	26	15	2	16	32	22	3	21	32	23	32	24	31	25	2	24	1	25
29	29	30	30	27	29	23	29	22	27	16	27	20	26	20	27	22	27	26	29	29	29	26	29	26
30	2	8·5	2	10·5	2	8·5	5	12	1	12	4	19	4	26	4	25	4	23	4	25	3	21	2	21
31	1	22	30	23	31	22	30	20	30	17	30	18	30	17	31	19	31	17	31	18	31	17	32	13

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET, HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1																								
2																						·010	·020	·020
3		·010			·010																			
4			·020	·020	·020	·025	·005	·005										·010		·010	·025		·005	·040
5	·005	·005														·005	·020	·065	·010		·020			
6																								
7		·005	·005	·010		·005		·005	·005															
8				·005	·005		·010	·005																
9														·010		·030	·170	·080						
10			·005		·005	·005	·005	·005	·045	·010										·005				
11		·005																						
12																								
13						·010	·015	·010	·010	·005														
14																								
15																								
16																								
17										~~·005~~														
18																								
19																								
20																							·005	·015
21							·030	·030		·005			·005	·010	·005	·110	·080	·020	·035	·065	·010			
22																								
23																								
24																								
25																								
26								·070	·050				·020	·005	·025	·025								·005
27				·030	·060	·005	·005							·010										
28			·060													·030		·010	·005	·005	·040		·040	·020
29							·015	·020	·015	·020	·005	·005			·005						·005		·005	
30	·025	·045			·005	·020			·025	·015	·015	·040	·085	·070	·015	·025	·005	·020	·010	·010	·055	·015	·005	·005
31	·015	·005	·010	·020	·050	·010	·020			·010	·010									·010		·020	·005	·010
105	·045	·075	·100	·085	·155	·080	·105	·150	·150	·065	·030	·045	·110	·105	·050	·225	·275	·205	·060	·105	·155	·045	·085	·115
6	3	6	5	5	7	7	8	8	6	6	3	2	3	5	4	6	4	6	4	6	6	3	7	7

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	…29	·208	·211	·203	·206	·201	·204	·210	·218	·237	·246	·253	·247	·252	·251	·253	·241	·246	·229	·235	·234	·231	·221	·217
2	…21	·215	·214	·205	·199	·196	·198	·206	·217	·230	·251	·240	·230	·244	·239	·259	·253	·248	·243	·246	·265	·285	·288	·297
3	…0	·299	·321	·327	·330	·330	·341	·349	·361	·355	·363	·349	·342	·355	·355	·357	·368	·373	·350	·334	·329	·330	·308	·309
4	…0	·308	·299	·294	·276	·271	·268	·276	·261	·281	·293	·291	·285	·305	·291	·306	·302	·308	·317	·324	·342	·339	·352	·364
5	…9	·373	·378	·384	·390	·391	·396	·399	·397	·397	·411	·415	·416	·411	·416	·424	·430	·436	·427	·430	·429	·430	·438	·437
6	…42	·420	·423	·424	·426	·429	·430	·428	·425	·411	·403	·402	·409	·410	·407	·407	·405	·405	·408	·409	·425	·418	·432	·437
7	…41	·438	·435	·433	·427	·426	·427	·429	·433	·439	*	†·434	*	†·435	·443	·425	·425	·409	·412	·406	·394	·394	·395	·395
8	…96	·397	·393	·399	·406	·409	·420	·415	·411	·406	·406	·399	·402	·404	·407	·402	·393	·389	·390	·388	·384	·391	·397	·395
9	…83	·379	·373	·366	·358	·351	·339	·342	·363	·367	·369	·377	·381	·405	·390	·402	·416	·415	·424	·426	·405	·385	·379	·390
10	…82	·394	·390	·388	·390	·383	·382	·393	·394	·395	·401	·394	·395	·397	·396	·396	·406	·415	·420	·411	·412	·400	·398	·353
11	…58	·334	·320	·320	·319	·316	·320	·302	·301	·312	·321	·319	·325	·295	·284	·275	·265	·263	·240	·233	·223	·230	·234	·238
12	…43	·245	·257	·259	·260	·251	·247	·255	·262	·266	·260	·265	·246	·269	·288	·282	·292	·275	·278	·278	·278	·275	·274	·278
13	…81	·284	·293	·300	·314	·334	·348	·351	·355	·354	·356	·380	·360	·363	·361	·358	·347	·353	·355	·348	·342	·343	·341	·335
14	…29	·324	·320	·319	·306	·308	·302	·309	·299	·300	·319	·314	·328	·331	·336	·341	·337	·348	·358	·367	·364	·351	·348	·342
15	…39	·339	·326	·325	·327	·325	·324	·332	·329	·322	·309	·335	·338	·331	·333	·372	·326	·335	·363	·364	·363	·364	·362	·357
16	…53	·352	·356	·348	·310	·318	·330	·352	·363	·365	·369	·368	·358	·360	·368	·372	·374	·375	·378	·372	·374	·371	·361	·357
17	…51	·346	·344	·346	·348	·348	·356	·355	·358	·369	·375	·376	·378	·376	·382	·379	·383	·380	·379	·371	·371	·370	·362	·351
18	…46	·331	·317	·305	·295	·292	·293	·302	·348	·373	·365	·351	·356	·364	·367	·376	·380	·359	·359	·369	·369	·370	·377	·387
19	…84	·373	·373	·358	·351	·337	·341	·356	·353	·343	·358	·363	·364	·377	·384	·381	·383	·385	·385	·389	·390	·389	·386	·386
20	…89	·386	·381	·378	·378	·378	·374	·374	·376	·363	·360	·370	·368	·367	·366	·362	·367	·370	·378	·375	·380	·380	·383	·387
21	…86	·388	·396	·396	·387	·387	·391	·335	·340	·337	·335	·337	·329	·340	·341	·342	·332	·353	·310	·307	·293	·244	·239	·221
22	…18	·217	·204	·199	·201	·207	·207	·211	·212	·222	·233	·242	·248	·235	·224	·222	·216	·207	·204	·215	·210	·208	·210	·207
23	…96	·212	·210	·213	·220	·224	·229	·235	·235	·232	·237	·247	·242	·237	·247	·248	·248	·243	·243	·252	·251	·253	·261	·262
24	…53	·240	·241	·242	·231	·236	·235	·250	·250	·254	·253	·254	·257	·258	·259	·258	·248	·253	·244	·243	·243	·243	·237	·233
25	…23	·224	·222	·218	·220	·225	·229	·227	·225	·221	·217	·216	·211	·225	·244	·245	·231	·230	·225	·229	·222	·219	·218	·217
26	…9	·198	·202	·201	·198	·187	·190	·198	·220	·229	·244	·268	·274	·275	·256	·260	·245	·232	·220	·222	·224	·236	·236	·235
27	…7	·250	·265	·276	·273	·266	·252	·231	·236	·239	·247	·256	·256	·265	·254	·257	·238	·241	·232	·225	·215	·208	·206	·200
28	…0	·196	·200	·187	·181	·182	·177	·177	·184	·186	·193	·204	·205	·209	·211	·230	·241	·236	·226	·237	·233	·229	·222	·194
29	…2	·173	·162	·159	·184	·177	·187	·184	·180	·180	·182	·176	·167	·157	·161	·152	·141	*	*	·168	·191	·188	·191	·192
30	…03	·212	·202	·204	·211	·220	·228	·236	·250	·256	·265	·261	·248	·247	·251	·251	·251	·260	·256	·258	·254	·240	·225	·220
31	…31	·209	·215	·211	·209	·209	·214	·197	·213	·217	·221	·218	·211	·218	·215	·214	·206	·208	·216	·218	·218	·217	·218	·233

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50°9′ N LONG 5°4′ W — HOURLY VALUES October 1878.

BAROMETER. CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·699	29·727	29·755	29·783	29·801	29·821	29·845	29·859	29·883	29·891	29·903	29·913	29·909
2	29·993	·993	·994	·994	30·001	30·019	30·029	30·031	30·045	30·057	30·053	30·048	30·043
3	30·015	·995	·980	·971	29·969	29·961	29·969	29·971	29·977	29·975	29·973	29·971	29·943
4	29·874	·863	·853	·851	·851	·856	·861	·866	·886	·883	·885	·893	·889
5	·859	·855	·847	·831	·823	·822	·821	·821	·821	·817	·822	·800	·782
6	·566	·537	·518	·504	·506	·506	·508	·498	·492	·492	·492	·480	·465
7	29·286	29·276	·252	·246	·237	·232	·208	·208	·190	·176	·155	·113	·059
8	28·972	28·989	·005	·031	·043	·059	·076	·095	·117	·149	·172	·186	·205
9	29·372	29·360	29·342	29·322	29·292	29·260	29·242	·208	·172	·140	·141	·143	·142
10	28·941	28·935	28·937	28·937	28·937	28·955	28·985	·037	·079	·125	·171	·214	·253
11	29·632	29·645	29·665	29·682	29·703	29·725	29·747	29·781	29·802	29·823	29·848	29·859	29·866
12	30·016	30·018	30·020	30·029	30·040	30·040	30·064	30·074	30·088	30·096	30·088	30·089	30·084
13	30·056	30·044	30·032	30·020	30·014	30·006	30·012	30·012	30·010	30·004	30·003	29·996	29·974
14	29·824	29·814	29·796	29·786	29·774	29·764	29·756	29·760	29·756	29·751	29·741	·725	·701
15	·651	·645	·644	·651	·644	·644	·656	·679	·691	·709	·720	·720	·720
16	·801	·796	·800	·810	·804	·806	·820	·831	·846	·844	·847	·845	·831
17	·803	·799	·779	·761	·749	·735	·729	·729	·731	·735	·731	·709	·699
18	·575	·575	·555	·524	·503	·494	·495	·483	·483	·473	·473	·465	·453
19	·417	·413	·413	·415	·423	·433	·447	·463	·477	·489	·499	·501	·507
20	·585	·583	·581	·587	·593	·597	·597	·594	·599	·600	·599	·591	·582
21	·447	·423	·393	·377	·363	·353	·329	·323	·317	·303	·295	·257	·221
22	·011	·021	·027	·027	·037	·049	·067	·091	·095	·109	·115	·122	·117
23	·356	·356	·352	·356	·356	·366	·387	·408	·434	·442	·461	·467	·467
24	·423	·357	·284	·203	·143	·106	·084	·073	·081	·116	·145	·172	·190
25	29·162	29·130	29·109	29·102	29·094	29·087	29·094	29·102	29·112	29·117	29·132	·134	·132
26	28·888	28·856	28·836	28·832	28·838	28·840	28·856	28·880	28·908	28·946	28·995	·019	·041
27	29·181	29·185	29·205	29·225	29·244	29·271	29·299	29·335	29·353	29·385	29·418	·434	·451
28	·666	·666	·668	·678	·684	·689	·696	·708	·702	·716	·713	·709	·703
29	·763	·773	·776	·769	·781	·789	·795	·799	·795	·788	·786	·758	·722
30	·744	·754	·747	·760	·768	·770	·772	·776	·778	·770	·759	·751	·743
31	29·706	29·698	29·695	29·697	29·693	29·689	29·707	29·723	29·733	29·743	29·754	29·746	29·746

2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
29·913	29·921	29·927	29·934	29·944	29·951	29·964	29·973	29·983	29·987	29·991		1
30·035	30·031	30·031	30·025	30·027	30·030	30·029	30·025	30·017	30·013	30·017		2
29·933	29·923	29·911	29·906	29·909	29·913	29·917	29·899	29·895	29·893	29·874		3
·871	·867	·865	·869	·871	·873	·879	·883	·877	·873	·861		4
·758	·732	·716	·700	·680	·667	·650	·625	·620	·598	·583		5
29·442	29·435	29·422	29·404	29·395	29·385	29·370	29·353	29·346	29·318	29·302		6
28·993	28·922	28·875	28·884	28·854	28·806	28·836	28·891	28·917	28·941	28·957		7
29·222	29·244	29·266	29·287	29·322	29·356	29·369	29·376	29·387	29·386	29·380		8
·133	·111	·089	·081	·057	·044	·023	·005	28·994	28·963	28·947		9
·297	·335	·382	·414	·447	29·474	·509	·539	29·567	29·561	29·611		10
29·882	29·889	29·904	29·917	29·930	*	29·971	29·976	29·986	29·988	30·004		11
30·082	30·077	30·077	30·082	30·089	30·088	30·086	30·080	30·080	30·072	30·062		12
29·958	29·938	29·930	29·914	29·898	29·881	29·864	29·854	29·854	29·838	29·825		13
·697	·682	·675	·669	·666	·657	·655	·661	·665	·661	·655		14
·710	·714	·726	·740	·762	·770	·794	·802	·804	·794	·800		15
·819	·823	·829	·829	·835	·833	·829	·825	·821	·810	·809		16
·679	·665	·663	·653	·653	·647	·644	·637	·617	·607	·593		17
·434	·423	·414	·413	·413	·413	·414	·425	·433	·425	·423		18
·510	·514	·515	·525	·543	·553	·567	·579	·573	·575	·577		19
·563	·559	·554	·547	·539	·517	·517	·517	·507	·485	·473		20
·191	·169	·147	·144	·131	·111	·083	·059	·031	·011	·007		21
·102	·106	·128	·147	·187	·216	·250	·278	·297	·322	·337		22
·467	·479	·484	·489	·494	·504	·507	·503	·492	·479	·451		23
·160	·222	·236	·242	·242	·235	·224	·217	·208	29·202	29·187		24
·138	·133	·126	·118	·102	·090	·069	·050	·014	28·964	28·938		25
·057	·071	·089	·107	·127	·135	·142	·155	·165	29·165	29·179		26
·462	·489	·513	·524	·546	·566	·582	·614	·624	·636	·656		27
·703	·710	·71[illegible]	·713	·723	·729	·757	·747	·757	·759	·763		28
·718	·709	·708	·707	·704	·702	·697	·707	·716	·724	·742		29
·731	·731	·723	·733	·733	·727	·723	·727	·723	·711	·703		30
29·746	29·750	29·756	29·764	29·777	29·790	29·796	29·806	29·792	29·794	29·782		31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	52·6	53·0	53·8	53·6	54·0	53·5	53·5	55·7	57·0	58·1	60·0	59·7	59·5	61·0	59·0	58·5	57·5	55·5	54·0	53·7	53·0	52·9	53·0	52·7
2	51·9	51·5	51·7	50·6	51·3	51·0	50·9	52·0	54·0	57·5	58·7	58·8	59·2	59·1	58·1	57·5	57·0	56·3	55·9	55·4	55·0	54·3	54·0	53·7
3	54·0	53·6	54·3	54·6	54·6	55·0	56·1	57·3	58·5	59·4	59·5	60·2	59·4	59·3	58·7	58·5	57·7	57·5	57·5	57·5	57·7	57·7	57·9	58·2
4	58·3	58·1	58·4	58·5	58·8	58·7	59·0	59·8	59·9	59·7	60·5	60·3	61·2	60·7	60·4	60·0	59·9	59·6	59·4	59·0	59·0	58·5	58·6	58·6
5	58·7	58·2	58·4	58·6	58·9	58·8	58·9	59·9	61·0	61·9	63·0	63·2	63·3	62·6	62·2	61·6	61·0	60·6	60·4	60·4	61·0	60·7	60·8	60·6
6	60·0	59·8	59·7	60·2	60·1	60·2	60·5	60·1	61·0	61·2	60·8	61·1	61·4	62·4	61·6	60·7	60·6	60·0	59·7	59·5	59·3	59·3	59·3	59·3
7	59·1	58·4	58·2	57·5	57·7	57·8	58·0	59·3	59·4	59·9	59·3	59·6	59·0	58·9	60·0	61·2	60·0	58·8	58·5	57·4	56·7	57·7	58·3	58·2
8	58·3	57·0	57·1	57·1	56·3	56·0	56·0	57·2	58·6	59·0	60·0	61·1	61·2	60·9	59·3	59·4	58·1	57·1	57·0	55·2	56·0	56·5	56·6	56·3
9	56·0	56·7	57·2	57·9	57·3	57·1	57·9	58·0	58·4	58·3	59·0	59·4	60·8	61·1	60·0	59·8	59·5	59·2	58·7	58·2	58·1	57·0	57·1	57·4
10	57·2	57·5	56·9	57·2	57·0	56·5	56·0	55·4	56·3	57·2	58·0	58·4	57·9	58·8	57·8	55·8	55·5	54·1	53·3	52·7	51·7	51·9	51·0	50·2
11	49·7	49·9	50·0	49·7	49·3	49·2	49·9	50·7	53·8	54·4	56·2	55·4	55·7	55·0	55·3	55·0	53·9	51·6	50·3	50·0	49·4	49·9	51·0	49·6
12	49·5	48·7	48·0	46·8	46·7	47·0	47·3	47·7	51·0	53·9	55·0	56·0	56·5	56·0	56·0	55·6	54·5	53·0	51·3	51·3	53·0	53·3	53·7	54·0
13	54·7	54·3	54·3	53·9	54·0	54·2	54·5	55·5	55·9	57·0	57·8	57·9	57·7	56·8	56·1	56·0	55·9	56·0	56·0	56·0	56·0	56·0	55·7	55·4
14	55·2	54·9	54·5	54·1	53·9	53·3	53·2	53·8	55·1	55·2	55·9	56·8	*	55·9	56·7	55·9	55·8	55·8	56·0	56·0	56·2	56·2	56·2	56·5
15	56·6	56·2	55·8	55·6	55·5	55·0	55·3	55·8	56·2	57·1	†58·1	†58·0	†57·5	57·3	56·4	56·2	56·0	55·9	55·9	55·8	55·7	55·6	55·2	54·7
16	54·6	54·3	54·0	53·4	53·5	53·2	53·7	54·0	55·0	55·9	57·2	58·0	58·5	58·9	58·6	57·7	57·0	55·2	55·0	53·6	52·8	51·9	49·0	48·0
17	48·0	48·2	49·0	49·0	49·4	48·9	51·7	53·0	56·4	57·5	58·6	59·1	59·6	59·2	59·0	58·4	57·9	57·6	57·6	57·7	57·9	57·8	57·7	57·4
18	57·3	57·4	57·6	57·7	57·6	57·6	57·5	57·4	57·3	57·6	57·4	57·0	56·9	56·7	56·2	55·9	55·9	56·1	56·3	56·7	56·2	55·6	55·0	54·8
19	55·0	54·9	54·9	55·2	56·0	57·0	57·0	56·7	57·9	58·2	60·0	59·7	59·4	58·9	59·0	58·3	58·3	58·6	58·3	58·1	58·1	57·3	57·6	57·4
20	57·5	57·1	56·3	56·7	56·5	56·4	56·4	56·5	58·0	59·0	59·0	59·3	58·4	59·1	58·7	57·7	56·7	54·9	54·3	54·6	54·5	55·0	55·0	55·1
21	55·0	54·8	54·6	53·6	52·4	51·3	51·3	53·4	54·7	55·7	57·8	57·0	57·5	56·8	55·9	54·7	54·9	55·0	55·1	55·3	55·9	56·4	56·8	54·0
22	51·7	50·9	49·0	49·0	49·2	47·6	47·9	48·3	50·0	51·8	51·7	50·0	51·8	53·3	51·3	51·0	49·2	47·7	48·2	47·9	47·2	47·6	46·7	46·5
23	45·8	46·0	45·9	46·8	46·7	47·0	46·0	46·8	48·9	51·2	52·0	53·1	54·0	54·0	53·4	51·9	50·7	51·0	50·6	51·1	51·3	51·8	52·0	51·9
24	51·8	50·7	51·9	55·0	56·7	56·9	56·9	56·2	55·6	54·0	53·0	52·2	52·2	50·7	52·4	50·1	49·0	47·9	49·0	49·1	50·0	48·4	49·0	48·2
25	48·9	48·6	48·4	47·4	48·0	47·2	47·0	47·3	48·5	51·0	51·9	52·3	51·7	50·4	50·8	50·6	48·6	49·7	48·7	48·3	48·6	49·2	50·4	49·0
26	50·6	50·2	49·6	48·7	46·9	45·9	46·7	46·7	47·9	48·1	50·0	50·9	51·6	51·6	51·4	50·9	50·0	49·2	48·2	47·9	47·6	46·4	46·4	46·4
27	46·8	46·8	45·5	46·4	46·3	46·5	46·3	48·0	47·4	50·1	51·7	52·0	53·1	52·1	50·0	48·6	48·7	49·9	49·8	50·3	49·4	49·2	50·2	49·8
28	48·9	48·0	48·0	47·1	47·3	46·4	47·1	47·5	48·9	49·3	50·0	50·5	50·8	51·0	50·4	49·4	48·7	48·3	48·8	43·4	46·1	47·2	47·3	47·4
29	47·0	46·9	46·9	46·4	46·3	46·0	46·2	47·0	48·2	49·1	48·2	46·6	47·7	46·0	47·0	47·4	47·1	47·3	47·0	45·4	45·5	44·9	45·0	44·0
30	42·9	42·0	42·5	41·9	42·2	41·9	41·8	41·4	41·9	43·2	45·4	46·6	47·0	47·7	47·3	46·0	46·7	47·1	47·1	46·7	46·0	45·9	45·2	44·5
31	45·1	45·0	46·0	45·4	42·8	43·7	43·9	45·0	46·0	47·9	48·9	48·9	49·9	48·8	47·1	47·2	45·6	44·6	43·4	41·9	41·2	41·3	40·4	40·0

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
51·3	51·7	52·3	52·2	52·6	52·3	52·3	53·8	54·0	54·0	55·5	55·2	54·9	55·7	54·7	54·3	53·7	52·8	52·0	51·7	51·4	51·4	51·5	51·3	1
50·5	50·4	50·5	50·0	50·3	49·9	50·0	50·5	52·3	55·1	55·3	55·3	[illegible]	55·4	54·6	54·1	53·8	53·6	53·5	53·2	53·0	52·4	52·3	52·3	2
52·7	53·4	53·1	53·2	52·9	53·2	53·8	54·8	56·7	56·6	57·2	57·0	56·0	56·0	56·2	55·4	54·7	54·7	54·9	55·4	55·9	56·0	55·9	56·2	3
56·4	56·9	57·3	57·6	58·0	58·1	58·2	58·7	58·9	58·6	58·9	59·0	59·5	58·4	57·1	58·6	58·4	58·3	58·5	58·1	58·6	57·6	57·9	57·8	4
57·8	57·5	57·3	56·4	56·8	56·4	56·7	57·4	57·7	58·7	59·7	59·5	59·4	59·3	59·4	59·0	58·7	58·2	58·1	58·2	58·4	58·4	58·6	58·6	5
58·9	59·1	59·0	59·2	59·4	59·3	59·6	59·4	60·0	60·0	60·0	60·0	60·3	60·6	60·0	59·5	59·4	59·1	58·8	58·6	58·4	58·4	58·4	58·2	6
58·0	57·0	56·3	54·9	56·0	55·6	56·2	57·2	57·6	57·8	58·0	57·4	57·4	57·2	57·9	57·6	56·0	55·9	55·3	54·0	53·0	55·0	55·9	56·0	7
56·0	55·7	55·5	55·4	55·0	54·6	54·0	54·8	55·7	55·7	56·9	57·5	57·6	57·0	56·7	56·0	55·8	55·2	55·0	53·6	54·6	54·7	54·6	54·3	8
54·3	54·8	55·6	56·4	56·3	56·4	56·9	57·5	57·8	57·9	58·5	57·9	58·3	58·0	57·6	57·2	56·8	56·2	55·2	54·7	55·2	54·7	55·0	54·7	9
55·0	55·1	54·4	54·7	54·6	54·7	54·7	53·9	54·6	55·0	55·0	54·9	54·0	54·4	53·2	52·4	51·2	50·4	48·8	48·5	48·0	47·7	47·8	47·7	10
47·0	46·3	46·6	46·1	46·7	45·8	46·1	47·6	49·4	48·7	50·4	49·8	49·0	48·7	49·5	49·4	49·7	47·9	47·0	46·8	46·0	46·4	47·0	46·5	11
46·6	45·8	45·1	44·1	44·0	44·3	44·4	44·7	48·4	49·5	49·6	50·7	50·9	50·6	51·0	50·4	49·9	49·0	48·0	48·1	48·9	48·9	49·9	50·5	12
50·8	50·5	50·9	51·4	51·3	50·7	50·9	51·4	52·1	53·3	54·0	54·0	53·8	52·6	52·0	50·8	50·8	51·1	52·0	51·3	51·0	51·8	51·9	51·5	13
51·7	50·9	50·8	50·4	50·3	49·5	49·9	49·8	50·3	50·7	50·6	50·5	*	51·9	52·1	51·4	50·8	51·0	52·0	52·4	52·5	52·5	53·0	53·1	14
53·5	52·6	52·0	51·2	51·4	51·4	51·6	52·3	52·3	52·4	†53·0	†54·3	†53·9	54·5	53·9	53·3	53·2	53·1	52·5	52·6	52·6	52·7	52·8	52·4	15
52·0	52·1	51·9	51·0	51·0	51·0	51·2	51·3	52·0	52·8	53·7	54·5	54·9	55·7	55·8	55·5	55·3	53·9	53·9	52·6	51·9	51·0	48·6	47·4	16
47·7	47·9	48·5	48·2	48·6	48·0	50·9	52·0	54·3	55·0	56·0	56·6	57·0	56·6	56·8	56·6	56·5	56·3	56·4	56·3	56·4	56·4	56·3	56·2	17
55·9	56·0	56·1	55·9	55·8	55·8	55·2	54·2	54·7	54·3	54·7	53·8	53·9	53·7	53·1	53·0	53·3	53·9	54·0	54·2	54·2	54·3	54·0	53·9	18
53·9	54·0	54·0	54·7	55·5	56·2	56·6	56·1	57·1	57·4	58·3	57·7	57·4	57·1	57·1	56·8	57·5	57·8	57·4	57·3	57·5	56·8	57·0	57·0	19
56·9	56·4	55·6	55·9	56·0	55·8	55·3	55·0	55·9	56·6	56·6	56·6	56·3	56·6	57·0	56·4	55·4	53·8	53·4	53·6	53·4	53·8	54·0	54·1	20
54·0	53·7	53·6	53·7	51·6	50·5	50·3	52·3	53·2	53·7	54·7	54·5	54·8	54·3	53·8	53·0	53·2	53·3	53·7	54·0	54·7	55·0	55·2	53·0	21
50·4	49·7	47·7	47·2	46·0	44·2	45·1	46·3	47·2	48·2	47·1	46·3	47·3	48·6	48·0	47·5	47·0	46·3	45·9	45·0	44·4	43·5	44·0	43·6	22
43·4	43·6	43·3	43·9	44·0	43·9	44·1	44·0	45·0	47·3	47·2	48·4	48·2	49·8	48·6	48·1	48·0	47·7	47·8	47·9	47·8	48·2	48·9	49·0	23
50·2	49·4	51·4	54·2	56·1	56·4	56·0	55·7	54·4	52·1	51·2	48·9	48·8	47·8	47·8	47·0	45·1	44·3	46·1	46·9	47·5	46·4	47·4	46·4	24
47·3	47·0	46·5	45·9	46·1	45·6	45·5	45·6	46·8	48·0	47·6	47·7	47·4	46·1	47·4	47·3	45·0	46·2	45·6	46·3	47·0	47·5	48·6	47·5	25
48·7	48·4	47·5	46·3	45·4	44·3	45·0	45·2	46·1	45·9	45·8	46·4	47·3	48·1	48·0	48·0	47·0	46·5	45·5	45·3	45·4	44·5	44·7	44·6	26
44·4	43·5	43·6	44·0	44·2	44·0	43·8	45·0	45·0	46·3	47·3	47·2	48·3	47·5	46·5	46·5	47·3	47·3	46·7	47·1	46·9	47·1	46·4	46·2	27
45·5	44·9	45·2	43·5	43·5	44·3	44·5	45·9	46·5	46·7	46·3	45·7	45·2	45·2	44·5	43·6	43·5	43·3	43·7	42·3	42·4	42·3	42·0	42·3	28
43·4	43·5	43·7	43·7	---	-*-	---	†43·0	*	†44·9	44·0	44·1	45·1	44·0	43·0	43·9	44·3	44·3	44·0	43·3	*	*	40·4	40·5	29
40·0	---	---	-*-	-*-	---	---	†37·1	37·9	39·4	40·2	42·0	42·1	42·9	42·8	42·9	43·0	42·5	41·8	41·8	41·7	41·8	41·8	41·7	30
41·8	42·1	42·7	42·7	41·9	42·5	42·7	43·3	44·0	45·4	45·6	45·2	45·5	45·0	44·4	44·5	43·5	43·0	41·9	40·4	40·0	39·6	38·9	38·0	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50°9' N. LONG: 5°4' W. HOURLY VALUES October 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	32	20	31	19	30	13	29	11	29	11	29	10.5	28	11	28	14	28	17	28	14	28	11	28	11
2	29	5.5	29	4	29	4	29	4.5	29	3	29	3	29	2	29	2	29	4	17	6.5	15	10.5	15	13
3	16	4.5	16	4	16	4.5	16	5.5	16	8.5	16	10.5	15	12	14	12	14	10.5	14	10.5	15	11	15	13
4	17	17	17	16	18	15	19	13	19	9.5	19	11	19	10.5	18	13	18	10.5	17	11	17	13	16	10.5
5	14	13	15	10.5	15	9.5	14	12	14	12	14	11	13	13	13	15	12	14	11	15	10	14	10	14
6	16	11	16	8.5	15	9.5	17	22	18	21	18	18	18	18	17	19	17	25	18	26	17	27	17	22
7	18	27	18	26	18	24	18	24	18	23	18	23	17	25	17	30	17	30	16	30	15	38	15	38
8	19	32	20	24	20	28	21	26	21	27	21	23	21	24	21	26	21	28	22	30	22	32	22	33
9	20	20	20	24	19	27	18	27	18	28	18	32	17	34	17	34	17	40	17	38	18	39	19	34
10	20	36	20	35	21	37	21	39	21	38	21	37	23	34	25	29	25	30	25	33	25	42	25	40
11	25	18	24	15	24	16	25	19	25	18	25	17	26	16	26	14	26	17	26	16	26	16	27	13
12	...	...	...	...	...	...	...	...	*	*	...	...	...	...	...	...	...	...	28	*	28	10.5	14	10.5
13	16	22	16	19	16	23	17	19	17	20	16	23	16	24	16	25	16	28	15	25	16	26	15	22
14	15	33	15	33	15	36	15	35	15	32	14	33	14	31	14	30	14	34	14	35	13	38	12	34
15	12	24	14	23	13	23	14	20	14	20	13	18	13	16	11	19	12	16	17	15	12	14	8	15
16	8	3	8	4	8	4	4	4.5	4	4	4	4.5	4	4.5	4	4	4	5.5	4	4	4	4	4	4.5
17	10	4.5	10	4	10	4	10	3	10	4.5	10	4.5	10	6.5	10	9.5	11	17	12	13	12	15	11	14
18	8	24	9	23	9	25	7	28	7	29	8	30	9	35	9	35	9	40	10	34	9	33	9	28
19	9	18	9	14	9	12	9	12	10	15	10	7.5	10	5.5	10	2	10	4	10	4.5	16	7.5	16	8.5
20	19	7.5	22	10.5	22	7.5	22	4.5	22	4.5	22	4.5	22	5.5	22	3	22	5.5	20	7.5	15	11	15	13
21	19	3	19	4	19	3	19	4	19	8.5	20	10.5	20	9.5	20	11	20	7.5	20	11	20	18	20	20
22	28	17	28	11	26	22	23	15	25	19	25	16	24	17	23	17	23	17	23	19	23	21	24	24
23	24	19	25	20	25	16	24	19	23	20	24	21	24	20	24	21	25	26	24	22	24	25	24	24
24	19	14	19	16	16	17	19	25	21	34	21	40	21	41	22	42	23	29	25	30	25	33	26	30
25	24	8.5	24	14	24	11	24	12	24	17	24	15	25	13	24	13	26	13	26	16	26	20	25	20
26	22	31	22	26	23	22	26	24	26	16	24	13	26	18	27	12	28	15	28	18	27	24	26	23
27	25	9.5	29	14	28	15	30	19	28	15	32	13	29	15	29	19	29	19	31	19	31	24	31	21
28	28	13	28	10.5	28	11	27	13	27	13	27	15	27	15	27	17	26	18	28	21	29	27	28	27
29	29	31	29	35	29	36	29	30	29	28	28	21	27	24	28	24	27	24	27	22	26	21	26	18
30	29	30	29	29	29	30	29	28	29	25	30	25	28	24	28	20	29	25	29	25	26	33	27	30
31	28	19	28	19	29	22	29	15	27	17	28	19	29	11	32	12	30	8.5	30	12	30	10.5	32	16

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	27	10.5	27	12	27	15	27	13	28	11	29	9.5	29	7.5	29	8.5	29	7.5	29	8.5	29	7.5	29	6.5
2	15	10.5	15	14	15	11	15	11	16	10.5	16	10.5	16	7.5	16	8.5	16	8.5	16	8.5	16	8.5	16	5.5
3	14	13	14	13	13	16	14	19	14	20	14	22	15	20	15	17	15	19	15	16	16	15	17	17
4	16	13	16	11	16	10.5	16	10.5	16	12	16	10.5	16	13	16	13	17	13	14	14	14	13	14	14
5	11	13	11	11	12	13	12	8.5	12	10.5	11	12	11	14	13	18	13	20	14	19	14	12	15	13
6	18	20	18	21	18	19	18	18	17	20	17	21	17	21	17	22	17	22	17	25	17	24	17	27
7	14	43	14	50	14	53	14	57	15	50	16	55	16	61	18	50	19	48	18	36	18	32	18	28
8	22	30	22	32	23	26	24	21	24	19	24	15	24	17	24	12	22	13	22	14	21	13	21	18
9	19	34	18	37	18	34	18	36	18	35	18	37	19	38	18	34	18	39	19	39	19	39	19	41
10	24	39	25	38	25	39	25	38	25	36	24	27	25	29	25	27	24	22	25	24	25	25	25	25
11	27	13	28	11	28	7.5	28	6.5	28	6.5	28	5.5	28	5.5	28	5.5	28	4.5	28	4.5	28	5.5	28	3
12	14	10.5	15	10.5	16	10.5	16	11	17	7.5	17	7.5	17	6.5	17	7.5	15	13	15	15	16	19	16	22
13	15	27	15	27	15	27	15	29	15	30	15	29	15	28	15	26	15	28	15	27	15	36	15	35
14	12	35	12	32	11	32	12	31	12	31	11	31	11	30	11	31	12	27	12	25	12	24	12	25
15	9	15	8	16	9	15	8	19	8	13	9	10.5	8	10.5	8	8.5	8	7.5	8	5.5	8	6.5	8	4
16	4	6.5	7	6.5	10	6.5	10	6.5	10	2	10	2	10	2	10	4	10	4	10	4	10	4.5	10	5.5
17	11	17	11	17	10	16	9	16	9	14	8	16	8	14	8	8.5	8	9.5	9	19	10	23	9	22
18	9	30	9	32	9	31	9	30	9	28	9	28	9	26	10	31	10	31	9	23	9	22	10	19
19	16	12	15	10.5	15	9.5	15	9.5	15	7.5	15	5.5	15	6.5	15	7.5	17	6.5	19	6.5	19	4.5	19	6.5
20	17	11	17	5.5	17	6.5	17	9.5	19	4.5	19	4	19	6.5	19	4	19	3	19	3	19	2	19	4
21	20	23	21	29	21	28	21	31	21	32	21	31	20	31	20	36	20	34	21	37	21	36	23	31
22	24	21	23	28	23	25	24	21	25	22	25	19	26	23	26	23	26	25	26	28	25	23	24	20
23	25	27	24	23	24	25	24	23	24	22	24	19	24	16	24	14	24	14	24	11	22	11	21	11
24	26	27	25	30	25	29	25	25	24	15	24	11	23	15	22	22	23	24	24	17	24	12	24	12
25	25	24	25	23	24	20	24	19	23	19	23	21	23	22	23	23	23	22	21	27	21	27	22	30
26	26	22	26	22	26	22	26	13	26	13	25	13	25	15	27	12	27	11	23	10.5	24	13	25	10.5
27	31	19	28	22	32	17	30	7.5	30	14	29	18	28	20	28	22	29	16	31	19	29	20	29	18
28	29	26	27	26	27	26	27	20	27	23	27	25	29	32	28	30	28	27	28	29	29	33	29	36
29	27	24	28	24	28	31	28	24	28	24	28	25	29	27	30	30	30	34	29	30	30	30	30	35
30	27	30	27	28	27	30	28	32	28	27	29	26	29	27	28	26	29	25	28	23	27	20	28	21
31	32	16	30	16	30	17	32	11	2	13	32	9.5	3	13	1	7.5	1	14	2	7.5	26	5.5	1	6.5

1 day RAINFALL. GAUGE (HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET)

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·195	.	·005	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	·005	·005	.	.	.	.	.	.	.	·030	·030	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	·005	.	·005	.	.	.	.	.	·030	·070	·035	.	.	·005	·005	·015	.	.	.	.
8	·005	·050	·005	·010	·070	.	.	.	.	.	.	.	·005	.	.	·005	.	.	.	.	.	.	.	.
9	.	.	.	.	.	Total for 7 hours = ·566	.	.	.	.	.	·005	.	.	.	.	·005	.	.	.	·010	·025	·295	.
10	.	.	·015	.	.	·015	·050	·050	·075	·025	.	.	.	.	.	.	·005	·010	.	.	.	.	.	·010
11	.	·005	.	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·035
19	·015	·045	·025	·015	·010	.	.	.	.	.	.	.	.	.	.	·005	·005	.	.	.	.	.	.	·005
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·050	·005	·015	·010	·020	·005	·030	·005	·126
22	·080	·010	·075	·005	.	.	·005	·010	·030	.	·015	.	.	.	.	·005	·045	·075	·010	.	·020	·005	·035	.
23	.	·025	.	.	.	.	·015	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	·050	·070	·050	·110	·160	·035	·020	·055	·040	·005	·020	·005	.	·015	.	·010	.	.	.	.	·010	·025	·005	·015
25	·005	·010	.	·005	·005	·020	·015	·010	·015	.	.	.	.	.	.	·005	·005	·005	·025	·035	·105	·105	·025	·290
26	·040	·025	·085	·050	·030	·020	·020	·155	·005	·020	.	.	·005	·010	.	.	·010	.	.	·015	.	·050	·010	.
27	·005	·005	·065	·035	·020	·070	·060	.	·015	·005	.	.	.	·010	·005	·010	·075	.	.	.	·010	.	.	·005
28	.	.	·005	·005	.	·005	·005	·015	·020	·010	·005	.	.	.	.	.	.	.	.	·020	·015	·005	.	.
29	.	.	.	.	.	·005	.	.	.	.	·020	·045	·045	·020	·025	·015	.	.	.	.	·010	.	.	.
30	·005	.	.	·005	·005	.	.	·005	·020	.	.	.	.	.	.	·035	·035	.	.	.	·005	.	·015	.
31	.	·010	·005	.	·195	·020	·030	·025	·015	.	·005	.	.	.	·005	·005	·010	·020	·080	.	·050	·015	.	.
8·45	·400	·260	·340	·245	·500	·190	·225	·340	·235	·065	·095	·085	·080	·125	·070	·140	·200	·130	·130	·105	·240	·260	·395	·485
8	9	11	11	10	9	8	10	10	9	5	6	4	3	5	4	9	10	6	5	5	10	8	8	7

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5th EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	…61	·366	·371	·372	·377	·376	·376	·389	·377	·366	·382	·377	·372	·376	·372	·369	·365	·365	·360	·356	·358	·359	·361	·359
2	…49	·352	·352	·353	·352	·346	·349	·348	·368	·403	·392	·391	·392	·390	·382	·375	·372	·379	·379	·376	·375	·367	·368	·373
3	…80	·377	·387	·386	·377	·381	·385	·396	·435	·419	·436	·420	·402	·403	·417	·398	·389	·391	·396	·411	·427	·425	·419	·424
4	…29	·447	·454	·463	·470	·475	·474	·478	·484	·477	·475	·481	·484	·472	·482	·472	·467	·469	·478	·470	·487	·463	·470	·467
5	…66	·464	·454	·425	·432	·427	·429	·436	·430	·448	·465	·456	·451	·457	·465	·462	·461	·451	·450	·453	·451	·456	·461	·463
6	…82	·491	·490	·489	·497	·492	·497	·497	·503	·500	·506	·502	·507	·501	·493	·492	·489	·488	·483	·480	·476	·476	·476	·470
7	…66	·445	·427	·396	·475	·412	·427	·438	·449	·448	·463	·440	·448	·443	·450	·425	·395	·407	·395	·373	·355	·397	·414	·418
8	…17	·425	·419	·416	·415	·408	·391	·397	·405	·399	·420	·424	·425	·411	·423	·402	·414	·410	·405	·390	·408	·404	·400	·395
9	…99	·403	·420	·434	·439	·445	·449	·467	·470	·474	·484	·458	·451	·438	·441	·432	·424	·411	·389	·382	·398	·397	·404	·392
10	…03	·402	·389	·395	·394	·404	·411	·395	·404	·403	·393	·385	·368	·367	·349	·352	·326	·319	·292	·291	·291	·282	·294	·300
11	…90	·272	·278	·270	·289	·270	·268	·293	·299	·279	·301	·295	·276	·274	·289	·289	·304	·290	·283	·282	·272	·274	·276	·280
12	…84	·275	·265	·257	·257	·260	·259	·260	·309	·310	·293	·310	·309	·308	·317	·307	·304	·299	·295	·297	·297	·294	·312	·322
13	…23	·320	·329	·345	·342	·325	·328	·331	·344	·359	·369	·368	·365	·344	·339	·313	·314	·319	·340	·324	·317	·335	·341	·334
14	…40	·324	·325	·319	·318	·307	·318	·308	·308	·316	·309	·296	*	·339	·333	·327	·315	·319	·340	·350	·350	·350	·362	·361
15	…70	·352	·342	·325	·331	·335	·337	·350	·345	·336	†·341	†·375	†·370	·388	·382	·370	·370	·369	·354	·357	·358	·362	·368	·363
16	…53	·360	·357	·342	·341	·344	·343	·342	·349	·361	·367	·380	·384	·400	·407	·411	·414	·398	·400	·383	·374	·362	·338	·319
17	…27	·330	·330	·327	·332	·323	·362	·374	·393	·399	·413	·423	·428	·422	·430	·433	·437	·435	·438	·434	·434	·436	·434	·435
18	…27	·429	·429	·422	·420	·420	·405	·379	·393	·379	·392	·372	·375	·373	·365	·366	·374	·387	·387	·387	·394	·404	·403	·403
19	…00	·405	·405	·421	·434	·440	·453	·442	·455	·460	·463	·448	·443	·441	·439	·441	·463	·467	·459	·459	·466	·455	·456	·459
20	…55	·445	·432	·436	·442	·437	·422	·412	·418	·424	·424	·420	·424	·423	·441	·437	·421	·398	·396	·398	·393	·397	·403	·405
21	…03	·398	·398	·386	·371	·357	·352	·377	·385	·387	·387	·391	·394	·388	·387	·379	·382	·383	·394	·399	·412	·413	·414	·388
22	…49	·342	·315	·303	·274	·251	·266	·267	·291	·294	·271	·271	·274	·287	·295	·288	·296	·296	·281	·264	·260	·238	·257	·251
23	…54	·257	·251	·253	·257	·251	·267	·255	·256	·281	·270	·285	·271	·306	·286	·290	·302	·292	·298	·296	·291	·294	·308	·311
24	…43	·337	·373	·409	·442	·448	·436	·437	·407	·363	·352	·306	·303	·297	·279	·285	·267	·250	·278	·295	·298	·291	·308	·293
25	…06	·302	·293	·291	·287	·286	·287	·285	·299	·299	·280	·278	·277	·263	·287	·287	·258	·272	·270	·289	·302	·308	·320	·310
26	…20	·317	·303	·286	·285	·273	·279	·284	·288	·282	·261	·264	·276	·294	·294	·300	·286	·285	·272	·271	·277	·271	·275	·272
27	…64	·246	·262	·260	·265	·259	·257	·263	·270	·270	·275	·270	·283	·276	·276	·291	·309	·294	·282	·285	·291	·298	·282	·271
28	…67	·261	·267	·242	·240	·267	·263	·290	·288	·288	·271	·254	·242	·240	·232	·224	·228	·228	·231	·251	·232	·218	·212	·216
29	…41	·244	·248	·254	...	*	...	†·233	*	·252	·241	·260	·269	·265	·233	·247	·259	·257	·253	·256	*	*	·204	·215
30	…16	...	...	*	*	...	...	†·180	·189	·202	·197	·218	·216	·225	·226	·242	·236	·223	·210	·214	·220	·222	·227	·233
31	…28	·235	·238	·243	·255	·258	·260	·260	·265	·273	·269	·260	·256	·257	·261	·262	·259	·258	·249	·234	·233	·224	·220	·207

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53° 51' N LONG 2° 28' W

HOURLY VALUES October 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·544	29·550	29·564	29·570	29·586	29·612	29·626	29·638	29·650	29·670	29·670	29·676	29·682	29·688	29·700	29·712	29·726	29·754	29·778	29·804	29·818	29·830	29·840	29·858	1
2	·862	·866	·872	·878	·882	·898	·906	·909	·908	·900	893	·891	·881	·867	·843	·839	·839	·839	·837	·826	·807	·801	·793	·783	2
3	·777	·769	·755	·741	·725	·731	·733	·739	·747	·751	·750	·742	·741	·744	·734	·733	·732	·738	·746	·746	·746	·748	·738	·738	3
4	·736	·720	·708	·710	·704	·700	·706	·704	·706	·698	·689	·685	·679	·667	·667	·659	·661	·665	·669	·675	·675	·675	·677	·677	4
5	·675	·667	·667	·671	·669	·675	·681	·687	·677	·673	·657	·651	·643	·625	·615	·599	·599	·595	·585	·575	·563	·549	·531	·507	5
6	·493	·463	·431	·407	·391	·363	·361	·341	·330	·327	·317	·307	·291	·283	·265	29·249	29·245	29·239	29·227	29·221	29·209	29·191	29·177	29·159	6
7	29·144	29·129	29·115	29·097	29·083	29·085	29·071	29·069	29·073	29·069	29·061	29·055	29·030	29·039	29·019	28·999	28·989	28·981	28·969	28·937	28·911	28·879	28·827	28·801	7
8	28·795	28·787	28·779	28·779	28·767	28·767	28·785	28·787	28·807	28·813	28·824	28·830	28·834	28·842	28·858	·866	·888	·910	·925	·938	·950	·978	·992	29·008	8
9	29·024	29·036	29·042	29·046	29·054	29·056	29·054	29·042	29·014	·982	·956	·926	·872	·834	·818	·799	·828	·840	·831	·820	·792	·778	·748	28·726	9
10	28·700	28·656	28·620	28·602	28·594	28·584	28·578	28·554	28·536	28·546	28·572	28·606	28·634	28·673	28·698	28·736	28·772	28·804	28·828	28·854	28·890	28·928	28·970	29·016	10
11	29·050	29·086	29·110	29·134	29·162	29·214	29·242	29·282	29·318	29·340	29·363	29·399	29·426	29·451	29·478	29·509	29·536	29·571	29·585	29·619	29·639	29·649	29·665	·683	11
12	·703	·719	·729	·741	·753	·769	·777	·801	·815	·823	·824	·824	·824	·838	·834	·842	·852	·852	·846	·848	·848	·844	·840	·842	12
13	·842	·838	·828	·826	·826	·824	·828	·826	·818	·814	·807	·801	·791	·777	·769	·769	·753	·759	·759	·755	·745	·737	·735	·737	13
14	·749	·738	·724	·723	·715	·717	·723	·729	·732	·731	·727	·718	·705	·687	·675	·660	·647	·653	·655	·659	·665	·661	·659	·659	14
15	·665	·661	·657	·651	·651	·655	·659	·661	·669	†·675	†·675	†·674	·672	·662	·658	·660	·668	·678	·682	·690	·688	·692	·688	·688	15
16	·689	·682	·672	·674	·668	·672	·682	·688	·686	·696	·682	·676	·662	·654	·658	·656	·654	·653	·658	·658	·658	·654	·636	·634	16
17	·626	·614	·610	·598	·594	·592	·590	·596	·602	·602	·601	·579	·567	·555	·549	·545	·549	·553	·559	·563	·567	·571	·561	·561	17
18	·551	·547	·535	·531	·531	·531	·539	·543	·539	·531	·530	·510	·488	·476	·468	·460	·458	·460	·452	·452	·454	·452	·447	·432	18
19	·418	·416	·402	·398	·392	·398	·396	·408	·414	·424	·415	·421	·419	·413	·409	·411	·419	·429	·433	·435	·441	·437	·433	·431	19
20	·427	·417	·409	·409	·407	·407	·405	29·407	29·399	29·400	29·393	29·373	29·363	29·341	29·319	29·301	29·293	29·289	29·275	29·257	29·229	29·213	29·185	29·173	20
21	29·151	29·125	29·097	29·073	29·045	29·026	29·007	28·975	28·951	28·931	28·895	28·854	28·826	28·776	28·737	28·688	28·641	28·581	28·615	28·633	28·627	28·623	28·629	28·636	21
22	28·633	28·647	28·661	28·653	28·651	28·653	28·655	·679	·683	·679	·689	·711	·733	·735	·743	·757	·777	·787	·801	·811	·829	·833	28·845	28·845	22
23	28·845	28·845	·839	·851	·851	·861	·889	·911	·929	·935	·961	·971	·971	·971	·975	·973	·977	·991	·988	·989	·995	·994	29·011	29·017	23
24	29·019	29·013	·986	·971	·939	·917	·881	·849	·827	·799	·773	·759	·737	·743	·749	·749	·749	·763	·763	·769	·769	·757	28·755	28·749	24
25	28·749	28·747	·745	·735	·721	·717	·719	·717	·713	·699	·692	·694	·702	·700	·698	·698	·688	·688	·684	·682	·676	·680	·680	·676	25
26	·670	·664	·656	·654	28·636	28·632	28·638	28·654	28·654	28·666	28·675	28·681	28·696	28·713	28·729	28·757	28·775	28·805	28·825	28·851	28·877	28·891	28·905	28·927	26
27	28·945	28·961	28·969	28·995	29·016	29·037	29·067	29·085	29·107	29·123	29·142	29·164	29·170	29·190	29·206	29·220	29·236	29·260	29·266	29·280	29·286	29·280	29·280	29·278	27
28	29·266	29·248	29·233	29·226	·200	·193	·212	·220	·210	·208	·182	·166	·130	·098	·088	·110	·144	·174	·178	·210	·226	·250	·284	·322	28
29	·334	·346	·360	·384	·390	·384	·386	·382	·384	·378	·367	·357	·351	·351	·363	·367	·371	·377	·369	·379	·389	·383	·377	·361	29
30	·337	·313	·277	·241	·211	·203	·207	·223	·235	·243	·243	·242	·243	·259	·287	·289	·307	·331	·343	·359	·375	·403	·417	·427	30
31	29·429	29·429	29·433	29·447	29·457	29·471	29·487	29·507	29·507	29·517	29·532	29·532	29·536	29·548	29·562	29·558	29·564	29·566	29·566	29·580	29·584	29·584	29·592	29·590	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	48·4	48·9	48·3	48·5	47·9	46·9	45·6	44·9	44·8	44·0	43·3	44·1	44·9	46·8	47·5	48·0	47·5	45·2	44·7	43·3	41·5	40·8	39·0	38·0	1
2	37·7	35·9	36·0	35·9	33·9	34·2	34·5	37·1	41·9	46·9	50·9	51·9	51·5	52·5	52·9	52·2	51·8	50·9	50·6	50·6	51·0	51·0	51·1	51·1	2
3	50·8	50·7	50·5	51·0	51·0	51·0	51·9	52·7	54·0	54·8	56·7	59·1	60·5	59·8	60·0	59·3	57·7	55·6	54·1	53·0	52·0	52·0	52·4	52·9	3
4	52·1	52·2	50·6	50·5	50·4	48·9	49·9	49·3	52·0	53·6	56·6	56·6	55·8	55·5	56·0	56·9	57·3	57·0	57·5	56·9	57·0	57·1	57·4	57·4	4
5	57·3	57·3	57·2	57·2	57·3	57·4	57·0	57·0	57·3	58·2	60·4	63·8	64·9	66·0	65·3	64·3	64·2	63·0	64·6	64·1	63·8	63·2	61·7	60·2	5
6	61·0	59·5	59·0	59·9	59·1	59·7	58·8	58·9	60·1	60·0	59·9	60·4	62·5	63·9	64·4	63·1	61·0	61·0	60·7	60·0	60·6	59·4	59·6	59·3	6
7	58·9	58·3	58·0	57·1	57·6	57·7	56·9	56·6	59·1	59·9	61·0	61·4	61·5	62·0	61·2	60·9	60·0	59·4	58·9	58·2	59·6	60·6	60·6	60·2	7
8	59·3	58·0	56·8	57·3	57·1	56·9	56·0	57·0	58·4	59·9	60·0	59·5	58·1	59·4	59·3	58·7	57·2	56·9	56·5	56·4	56·0	54·9	54·9	55·0	8
9	55·1	54·8	53·9	52·3	52·3	52·0	52·1	54·1	55·9	55·7	57·6	58·8	57·2	57·6	57·8	58·5	56·6	55·5	54·7	55·1	55·2	55·0	54·8	55·0	9
10	54·1	54·5	55·2	55·1	55·1	55·0	55·2	55·9	55·4	54·6	55·5	56·7	55·7	55·9	56·0	56·0	54·9	53·9	54·1	53·5	53·9	53·9	53·0	53·0	10
11	52·8	51·1	51·2	50·9	51·0	51·0	50·2	50·1	51·1	51·0	50·9	50·6	52·4	51·9	51·2	51·2	50·6	48·8	49·4	49·0	49·9	49·2	49·0	48·9	11
12	49·9	49·5	49·4	49·7	49·5	49·2	49·0	51·7	53·0	53·9	55·9	55·1	55·0	55·3	55·0	54·7	52·0	49·6	47·9	47·8	47·9	47·3	47·0	46·0	12
13	44·8	46·3	47·0	47·0	46·4	46·7	46·7	48·0	48·1	49·9	53·7	54·9	55·4	55·6	54·9	55·0	53·2	51·3	50·3	49·9	49·1	48·8	48·6	48·8	13
14	48·1	50·0	48·9	49·3	48·9	48·7	48·2	50·1	51·9	53·3	54·2	56·0	57·0	57·0	55·9	55·3	54·5	52·3	51·9	50·9	49·8	48·6	49·1	48·9	14
15	48·0	47·3	47·4	47·4	47·9	48·1	48·1	49·4	50·9	51·5	52·0	52·2	52·6	52·9	53·6	53·8	53·1	52·5	51·9	51·5	51·9	51·2	51·4	51·3	15
16	51·4	50·7	50·4	50·5	51·2	51·0	51·2	51·2	51·1	51·1	51·9	53·2	53·0	53·5	53·9	53·6	52·9	52·1	52·2	52·0	51·9	52·0	52·1	51·8	16
17	51·1	49·2	49·6	48·9	47·6	47·3	47·9	48·5	50·2	51·0	52·3	54·9	56·0	56·2	56·1	54·0	50·7	50·6	49·5	48·0	46·2	46·8	46·2	44·0	17
18	44·1	44·9	44·9	45·1	46·2	45·7	46·2	47·3	49·6	52·0	51·3	51·3	53·1	54·1	54·7	53·9	53·1	52·1	51·1	51·8	52·0	52·2	52·7	52·4	18
19	52·0	52·0	51·2	51·9	51·4	51·9	51·5	53·1	54·9	54·6	56·2	55·4	56·0	57·0	56·1	55·6	54·1	52·6	52·1	52·6	52·1	52·8	52·2	52·2	19
20	52·2	52·2	52·2	52·1	51·0	51·0	51·0	51·4	52·0	52·3	52·2	53·9	53·5	54·0	55·1	54·9	54·9	54·1	53·9	53·8	53·8	53·5	53·5	52·1	20
21	53·1	52·9	53·1	53·2	53·0	53·0	52·8	53·0	53·0	52·8	52·9	53·0	52·1	52·0	51·9	51·1	51·2	51·2	49·6	48·8	48·0	48·0	47·0	46·8	21
22	46·0	44·9	43·7	42·3	41·3	42·5	43·0	44·1	43·6	46·0	50·2	46·0	46·2	50·0	50·3	49·0	44·7	43·1	44·1	44·8	44·0	43·2	42·6	42·1	22
23	42·9	42·0	42·2	41·8	41·6	41·4	42·2	44·0	47·5	48·1	47·6	48·3	47·7	48·1	48·0	47·9	46·4	45·3	46·3	46·6	46·1	46·8	46·2	46·2	23
24	46·0	46·8	46·1	44·8	43·9	44·0	44·0	44·9	45·3	45·8	46·0	44·9	46·0	46·0	45·6	45·0	45·6	44·9	45·5	45·1	45·0	43·8	44·6	44·4	24
25	44·1	44·8	43·8	43·0	41·7	42·7	42·2	42·9	44·5	46·3	48·6	49·2	48·1	48·9	48·6	45·6	43·2	44·1	44·1	42·4	43·0	43·0	43·3	43·0	25
26	42·2	42·5	42·2	42·2	41·9	40·0	39·3	39·6	39·2	42·6	44·7	47·0	47·0	47·4	47·5	47·5	45·8	43·9	43·2	42·3	42·3	40·8	39·9	43·1	26
27	41·9	42·9	43·9	42·9	42·2	44·0	39·8	43·1	46·4	47·9	47·9	48·8	49·1	48·9	48·9	44·7	44·7	42·0	40·2	39·5	39·3	37·2	37·0	40·8	27
28	40·0	41·0	44·1	44·0	44·8	43·8	42·3	42·9	42·2	41·2	42·9	39·9	42·4	43·1	42·9	43·7	42·0	41·6	42·6	41·8	43·9	44·0	43·8	42·7	28
29	41·6	39·5	40·4	40·8	39·1	39·6	39·8	39·4	40·2	40·8	42·0	41·9	42·5	42·1	41·0	40·2	38·8	37·7	36·0	36·0	35·2	33·8	33·9	35·6	29
30	36·6	35·2	40·2	41·2	40·0	41·4	39·6	39·2	41·1	43·3	43·3	44·0	45·0	42·9	42·2	42·0	41·6	40·7	40·8	40·7	40·2	38·5	38·3	38·7	30
31	39·8	40·0	41·3	41·2	41·0	40·9	40·8	41·0	40·2	41·1	41·9	41·9	42·4	41·8	41·2	40·5	40·2	40·2	40·1	40·0	38·9	38·0	35·9	37·8	31

* Record defective or Instrument out of action. † Reading of Standard

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ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51'N. LONG: 2°28'W.

HOURLY VALUES October 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	5	4	5	2	5	2	5	3	5	4	5	4·5	4	8·5	5	5·5	4	5·5	3	8·5	3	8·5	3	5·5	4	6	4·5	4	5·5	4	5·5	5	3	5	4	5	4	5	3	5	4·5	2	4	2	2	2	2	1
2	2	3	2	3	2	4	2	3	2	3	2	4	2	4	2	3	9	4	14	14	15	15	16	13·5	15	16	10·5	17	8·5	19	4	20	3	18	5·5	17	5·5	17	9·5	16	9·5	17	8·5	19	6·5	19	6·5	19	6·5	2
3	17	7·5	18	4·5	17	4	17	4	18	4	18	3	19	4·5	21	4	21	4·5	21	6·5	20	9·5	22	12	22	15	22	16	22	13	22	11	22	6·5	22	4	22	3	22	3	22	2	22	1·5	22	2	22	2	3
4	22	2	20	2	20	2	20	2	19	2	19	2	19	2	19	2	19	2	19	2	19	2	13	8·5	15	12	16	6·5	16	3	16	1·5	17	3	19	4	18	6·5	17	4	17	4	17	6·5	19	6·5	19	4·5	4
5	19	4	19	1·5	19	2	19	1·5	19	2	15	4·5	13	4	11	4·5	11	6·5	11	3	11	3	11	1·5	16	5·5	18	4·5	16	3	16	2	11	2	18	2	10	8·5	14	4·5	9	4·5	18	4	9	2	10	4	5
6	11	7·5	11	2	10	3	8	3	1	5·5	4	4	4	4	7	5·5	12	7·5	10	5·5	14	12	16	10·5	16	13·5	16	14	16	15	13	16	11	15	10·5	15	12	17	9·5	15	16	15	9·5	14	12	15	14			6
7	15	14	14	12	13	11	14	13	14	14	15	13	14	11	14	19	14	22	15	17	14	22	15	22	14	24	14	20	13	12	13	16	12	21	12	20	10	15	10	21	10	22	10	24	12	29			7
8	14	24	13	24	12	25	12	24	13	26	13	28	14	26	14	27	14	34	14	29	15	31	16	26	16	22	16	20	16	23	17	22	17	17	17	18	17	17	18	16	19	10·5	19	11	19	12			8
9	19	11	19	9·5	19	11	18	12	15	18	15	14	15	19	13	19	14	21	14	25	14	32	15	32	14	36	14	36	16	24	16	21	15	18	16	18	15	28	14	23	14	28	14	26	14	28			9
10	14	29	14	29	14	37	14	33	14	36	15	27	14	31	14	34	14	39	15	32	18	24	20	24	20	26	20	25	21	27	20	22	21	23	21	22	21	26	22	26	22	28	22	26	22	28			10
11	22	27	22	25	22	24	22	26	22	25	23	26	24	24	24	24	23	25	23	27	23	29	23	28	23	27	24	29	24	23	24	21	23	19	24	10·5	24	18	24	13	23	9·5	23	11	22	10·5	23	8·5	11
12	23	10·5	22	6·5	23	5·5	23	8·5	23	7·5	24	7·5	22	7·5	22	8·5	23	12	·	·	22	14	22	15	22	11	22	11	21	12	22	6·5	22	3	22	1·5	22	2	22	4·5	22	4·5	22	4·5	20	4·5	19	4·5	12
13	20	6·5	19	4·5	18	8·5	18	4·5	19	4	19	4·5	18	4·5	16	10·5	16	13	16	16	16	24	17	21	17	20	15	19	15	18	16	19	17	15	16	9·5	16	11	16	15	15	8·5	16	6·5	17	10·5	20	6·5	13
14	22	7·5	22	8·5	16	4·5	16	4	22	2	13	6·5	13	10·5	14	8·5	13	10·5	14	9·5	10	11	11	13	11	15	10	13	11	10·5	9	11	9	16	8	7·5	8	8·5	7	9·5	8	11	5	9·5	9	12	9	12	14
15	6	7·5	4	6·5	6	8·5	7	10·5	9	4·5	10	4	6	4·5	3	5·5	4	5·5	5	8·5	7	8·5	7	8·5	6	7·5	5	5·5	7	8·5	7	5·5	7	9·5	7	7·5	4	4	4	5·5	6	4·5	5	3	5	4·5	6	4·5	15
16	6	3	6	2	4	4	4	3	5	6·5	5	3	5	2	7	2	8	1·5	8	1·5	7	2	11	3	16	4·5	16	3	19	3	18	2	18	2	18	2	18	2	18	2	18	2	18	2	16	3	15	2	15	2	16
17	17	2	21	4	17	2	17	2	19	3	18	1·5	18	2	18	1·5	18	1·5	18	1·5	18	2	18	3	17	2	17	2	17	2	18	2	12	2	12	2	12	1·5	12	2	12	2	12	3	10	3	9	3	4	4·5	2	5·5	17
18	2	6·5	2	5·5	1	4·5	3	4·5	2	4·5	3	4·5	2	4·5	6	3	5	4·5	6	8·5	8	8·5	8	11	8	16·5	9	13	7	11	7	12	7	12	7	12	6	13	6	16	6	16	6	10·5	7	11	7	13	18
19	7	12	8	9·5	7	6·5	7	5·5	8	9·5	8	8·5	7	11	7	16	7	16	8	12	10	20	8	14	7	12	10	16	10	15	9	10·5	8	4·5	8	3	8	5·5	8	4	9	4	9	3	9	3			19
20	9	4	9	5·5	10	4·5	9	4	11	4	11	3	10	4	10	4	11	5·5	11	3	12	5·5	13	6·5	15	16	14	14	17	4·5	20	4	14	3	16	12	16	9·5	17	6·5	17	7·5	17	7·5	17	8·5	17	5·5	20
21	17	12	17	13	17	14	17	14	17	15	17	17	17	16	17	20	16	23	16	21	16	24	16	23	18	21	16	20	17	19	16	27	15	34	15	35	21	22	19	9·5	20	10·5	20	9·5	20	10·5	19	9·5	21
22	19	7·5	20	5·5	18	5·5	21	3	21	4	18	6·5	18	13	17	13	18	11	18	16	19	24	21	18	21	10·5	21	18	21	14	22	12	18	4·5	20	5·5	19	4·5	21	5·5	20	8·5	18	5·5	20	7·5	19	7·5	22
23	19	13	19	14	19	15	22	21	20	18	19	11	20	10·5	21	16	21	19	21	19	21	22	20	20	20	22	20	23	20	21	22	18	22	13	19	15	21	16	21	20	21	22	21	21	20	24	20	18	23
24	20	14	20	14	19	17	20	13	18	12	18	8·5	20	7·5	18	5·5	18	4	19	4·5	19	4	20	4·5	21	6·5	23	14	21	14	22	18	22	15	22	14	24	14	21	16	19	12	19	13	20	8·5	23	3	24
25	20	8·5	21	13	24	9·5	20	4·5	17	6·5	20	6·5	20	5·5	20	5·5	18	7·5	22	9·5	22	16	24	21	23	19	21	20	21	14	18	13	19	7·5	17	10·5	23	11	20	6·5	17	11	17	12	17	10·5	17	9·5	25
26	16	6·5	16	3	15	4	12	3	12	3	6	4	1	8·5	1	8·5	1	7·5	1	5·5	5	5·5	4	3	3	2	1	4·5	30	4	30	6·5	29	7·5	28	10·5	28	9·5	29	8·5	29	6·5	20	3	22	4·5	29	3	26
27	29	2	27	2	28	7·5	29	8·5	30	4	24	4	8	3	9	2	11	3	28	6·5	29	9·5	29	7·2	28	13	29	13	27	4·5	27	4·5	26	4	26	4·5	24	2	18	3	18	3	22	4·5	23	3	21	5·5	27
28	20	7·5	20	10·5	24	19	23	13	22	19	22	19	27	19	25	14	23	16	24	24	24	26	25	26	23	24	24	38	25	28	26	19	26	13	26	19	27	15	26	10·5	27	14	27	13	26	16	23	10·5	28
29	21	5·5	24	7·5	23	15	26	15	24	8·5	28	10·5	27	10·5	27	9·5	27	8·5	25	8·5	25	12	26	17	26	16	27	12	29	10·5	27	8·5	27	11	27	5·5	25	10·5	27	12	27	11	27	11	26	10·5	25	10·5	29
30	24	12	21	6·5	25	19	26	23	26	26	26	18	23	6·5	23	13	26	13	27	10·5	24	9·5	24	10·5	26	14	25	15	28	7·5	28	12	28	15	26	15	26	14	27	18	28	13	29	4	31	5·5	29	12	30
31	29	8·5	28	6·5	28	11	28	9·5	30	4·5	26	8·5	28	9·5	27	10·5	27	16	28	16	27	16	28	13	28	12	26	10·5	27	6·5	28	6·5	27	7·5	27	5·5	27	6·5	27	5·5	27	3	29	5·5	29	2	29	3	31

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1						030	024	020	024	040															1
2																									2
3		008	033	009	005	005	020	019																	3
4																005	010	002	002		010	018	020	065	046	4
5	022	010	002	002																					5
6																		163	003	074	350	020	112	017	002	6
7	005	005	008	002	001	001																			7
8		004					024						155	003	001						001					8
9			050	015		002	001						030	065	055	040			002	002	001				001	9
10		001		001	001	001				050	200	048	005	003	002	003		054	004	002	008		015	003		10
11		117	004	008							008	002		009			001			005	001				002	11
12					002																					12
13																										13
14																										14
15																										15
16										005								003		004			002	001		16
17																										17
18							002	002																		18
19																										19
20			Total for 8 hours = 012																	010						20
21													070	070	090	080	050	030	230							21
22	005		060			004		020	045	005		090	030			005	025				001	040	009	010		22
23		070	060	148	097	015									007	003	002	002				002				23
24				004	010	030	002			029	035	040	035	030	030	005	002		025	015	050	063	004	002		24
25	020	029	082	010	003	002	002	002	015	048						030	049	002	070	080	018		020	068		25
26	108	035	005																							26
27																										27
28			018			050	003	005	010	075	030	100	160	060	050	004										28
29																										29
30					060	004																				30
31																										31

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	295	284	288	286	283	287	269	267	265	267	269	274	277	271	263	271	255	253	251	241	219	216	208	1
2	194	194	192	177	183	180	197	228	265	258	251	271	278	291	303	313	314	315	317	321	321	327	340	2
3	352	355	358	356	353	367	378	391	406	439	441	443	417	406	406	441	396	393	380	372	375	371	372	3
4	362	351	342	333	328	335	328	351	344	383	383	403	403	416	432	433	434	443	448	446	461	462	462	4
5	464	465	462	461	456	453	443	452	448	479	480	457	470	480	485	470	465	429	445	436	444	452	445	5
6	404	383	368	376	375	375	389	397	406	418	435	481	468	483	479	506	490	505	492	486	481	465	460	6
7	450	448	427	426	420	409	413	423	413	405	395	381	365	351	359	347	358	376	401	378	371	371	385	7
8	342	352	353	363	373	391	385	378	396	387	380	429	405	412	389	397	384	387	388	383	379	382	383	8
9	381	387	357	352	340	337	356	364	366	384	393	425	426	433	420	389	376	374	388	379	365	361	357	9
10	352	352	358	366	370	368	366	379	386	394	409	387	374	386	370	350	364	384	367	364	358	369	352	10
11	347	320	324	323	294	284	268	277	259	277	279	273	278	270	264	266	255	255	249	270	281	287	288	11
12	297	303	308	306	301	308	314	325	307	323	279	280	274	284	262	285	293	288	283	275	273	273	265	12
13	261	264	275	275	279	277	283	284	287	300	301	306	326	315	318	302	300	304	289	295	274	278	276	13
14	307	299	301	299	290	285	294	309	318	320	304	281	275	275	296	280	282	267	262	263	267	279	286	14
15	289	293	293	291	291	294	315	324	322	333	335	337	336	332	335	336	329	327	335	334	333	336	332	15
16	337	340	341	348	348	350	345	355	365	373	371	352	364	364	361	362	360	358	358	359	358	361	354	16
17	327	337	323	313	317	318	329	340	348	349	353	353	347	362	350	326	327	316	304	292	295	267	274	17
18	272	263	272	292	291	297	302	314	333	319	327	321	305	326	313	321	302	298	311	308	308	302	304	18
19	308	306	329	318	316	320	319	310	327	334	336	340	339	321	333	343	348	344	345	347	343	337	343	19
20	337	332	332	351	353	348	343	348	352	356	361	367	385	385	382	382	387	387	391	388	367	359	363	20
21	353	365	355	371	371	361	361	355	355	348	355	363	366	362	347	343	345	337	325	290	304	284	273	21
22	252	241	232	232	230	230	231	248	265	269	259	287	284	281	270	257	254	262	260	248	257	248	242	22
23	243	227	231	237	238	247	246	248	244	248	282	267	264	265	271	267	244	237	235	247	235	261	261	23
24	264	254	260	266	277	272	276	291	287	280	276	275	267	269	227	234	234	260	270	280	267	282	274	24
25	271	248	255	251	259	256	258	264	270	291	272	260	254	258	247	251	247	251	258	255	252	255	255	25
26	259	250	247	248	230	230	229	230	240	247	249	255	243	242	237	231	223	217	220	224	219	223	231	26
27	235	239	220	218	211	204	211	229	240	244	244	241	242	238	234	236	221	209	205	213	217	196	231	27
28	235	243	242	255	257	222	231	227	219	233	223	239	233	233	217	207	203	199	207	204	205	202	198	28
29	196	187	168	173	159	164	161	175	182	180	183	181	176	166	158	151	149	144	136	133	126	123	*	29
30	161	182	198	207	203	197	193	179	186	194	202	202	212	209	218	210	211	210	216	205	202	201	202	30
31	224	222	219	213	200	204	199	189	193	193	194	193	193	194	194	187	185	186	177	182	178	176	173	31

*Record defective or Instrument out of action. †Obtained from reading of Standard. *Approximate.

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51°28′ N LONG 0°19′ W

HOURLY VALUES October 1878.

BAROMETER.

CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·905	29·908	29·911	29·924	29·935	29·967	29·991	29·999	30·006	30·019	30·023	30·029	30·024	30·022	30·022	30·025	30·039	30·046	30·059	30·074	30·108	30·137	30·162	30·188	1
2	30·193	30·211	30·220	30·229	30·246	30·266	30·290	30·297	·306	·302	·299	·291	·278	·267	·260	·251	·257	·266	·262	·255	·251	·236	·230	·224	2
3	·217	·208	·205	·191	·185	·193	·192	·199	·195	·201	·187	·183	·177	·161	·149	·139	·147	·154	·166	·171	·177	·174	·175	·170	3
4	·162	·153	·137	·133	·141	·143	·144	·151	·143	·156	·143	·127	·113	·102	·092	·090	·095	·106	·113	·114	30·115	30·114	30·118	30·118	4
5	30·117	30·110	30·101	30·104	30·106	30·109	30·110	30·115	30·110	30·102	30·093	30·084	30·072	30·052	30·040	30·018	30·023	30·028	30·020	30·002	29·988	29·965	29·944	29·928	5
6	29·912	29·876	29·862	29·838	29·817	29·811	29·814	29·803	29·796	29·793	29·790	29·779	29·766	29·756	29·744	29·723	29·712	29·708	29·690	29·678	·654	·637	·630	·613	6
7	·804	·580	·558	·543	·533	·536	·542	·546	·548	·546	·572	·563	·549	·532	·514	·496	·481	·459	·442	·415	·400	·382	·350	·335	7
8	·327	·328	·326	·320	·323	·330	·341	·354	·361	·380	·385	·386	·392	·424	·429	·435	·442	·472	·486	·507	·520	·536	·555	·572	8
9	·579	·589	·606	·610	·612	·622	·620	·618	·610	·594	·566	·541	·525	·493	·467	·443	·438	·439	·437	·413	·407	·388	·363	·343	9
10	·325	·302	·272	·249	·240	·231	·228	·229	·230	·225	·216	·233	·267	·291	·312	·349	29·381	29·421	29·462	29·501	29·533	29·563	29·583	29·614	10
11	29·637	29·659	29·673	29·704	29·721	29·757	29·776	29·812	29·841	29·870	29·893	29·911	29·928	29·949	29·971	29·987	30·016	30·049	30·065	30·081	30·094	30·110	30·124	30·135	11
12	30·153	30·164	30·169	30·173	30·185	30·194	30·210	30·231	30·243	30·242	30·251	30·244	30·248	30·243	30·241	30·252	·259	·281	·282	·296	·293	·294	·293	·299	12
13	·301	·305	·302	·303	·301	·307	·305	·309	·311	·314	·297	·293	·283	·273	·259	·249	·247	·244	·237	·229	·228	30·221	30·216	30·208	13
14	30·201	30·183	30·166	30·163	30·162	30·161	30·161	30·158	30·153	30·139	30·122	30·117	30·089	30·074	30·060	30·031	30·027	30·023	30·019	30·012	30·006	29·993	29·975	29·965	14
15	29·949	29·941	29·932	29·923	29·922	29·925	29·927	29·934	29·947	29·948	29·950	29·940	29·940	29·940	29·940	29·950	29·950	29·970	29·990	29·990	29·990	30·000	30·000	30·000	15
16	30·010	30·010	30·000	30·000	30·010	30·020	30·030	30·040	30·050	30·050	30·050	30·040	30·040	30·040	30·030	30·020	30·030	30·040	30·050	30·040	30·040	30·030	30·030	30·030	16
17	30·020	30·010	30·000	30·000	30·000	29·980	29·990	29·990	29·990	29·990	29·982	29·966	29·953	29·937	29·931	29·921	29·916	29·922	29·924	29·927	29·925	29·930	29·921	29·915	17
18	29·907	29·897	29·882	29·865	29·865	·864	·861	·850	·841	·832	·826	·798	·791	·763	·756	·733	·731	·735	·727	·719	·721	·718	·713	·710	18
19	·699	·684	·668	·671	·674	·683	·703	·704	·711	·723	·740	·740	·750	·740	·750	·750	·750	·760	·770	·770	·780	·790	·790	·790	19
20	·790	·780	·780	·780	·790	·790	·790	·800	·800	·800	·790	·780	·770	·760	·780	·760	·750	·760	·730	·720	·700	·690	·670	·660	20
21	·640	·610	·600	·570	·540	·530	·500	*	*	† ·486	·450	·400	·350	·330	·310	·300	·280	·280	·270	·250	·230	·200	·180	·170	21
22	·150	·120	·100	·140	·160	·180	·190	·190	·210	·210	·230	·237	·238	·223	*	·251	·259	·274	·279	·286	·303	·313	·339	·361	22
23	·378	·409	·423	·443	·451	·455	·474	·491	·507	† ·512	·545	·547	·553	† ·552	*	† ·583	·590	·600	·600	·600	·600	·600	·610	·600	23
24	·600	·590	·560	·530	·510	·450	·400	·300	·210	·146	·103	·079	·129	·197	·221	·267	·292	·318	·326	·331	·329	·336	·326	·313	24
25	·299	·281	·265	·248	·226	·221	29·214	29·206	29·201	29·199	29·205	†29·192	·196	·202	·208	·216	·228	·232	*	† ·244	† ·242	† ·218	·216	·204	25
26	·180	·159	·119	·081	·036	·000	28·993	28·995	28·989	28·989	28·991	28·991	·003	·034	·069	·132	·173	·212	·242	·253	·273	·289	·296	·314	26
27	·320	·324	·331	·339	·359	·367	29·386	29·414	29·438	29·462	29·480	29·484	·494	·515	·536	·554	·566	·592	·616	·644	·666	·676	·696	·702	27
28	·710	·712	·704	·700	·706	·707	·710	·727	·714	·704	·701	·695	·675	·663	·665	·661	·656	·656	·646	·645	·647	·653	·659	·669	28
29	·671	·687	·695	·702	·723	·747	·766	·783	·789	·789	·790	·772	·762	·746	·734	·732	·728	·729	·732	·738	·740	·744	·748	·754	29
30	·748	·744	·742	·741	·745	·734	·728	·710	·694	·674	·673	·663	·654	·647	·646	·650	·659	·667	·686	·689	·697	·709	·725	·733	30
31	29·739	29·758	29·761	29·775	29·788	29·807	29·829	29·847	29·843	29·865	29·860	29·852	29·862	29·848	29·859	29·862	29·870	29·879	29·882	29·892	29·898	29·898	29·896	29·897	31

Note: On several days the curve, being faint owing to poor photography, could be tabulated to the nearest hundredth.

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	51·7	51·8	51·0	50·9	51·9	51·9	51·8	52·2	54·1	55·7	57·9	57·6	59·2	60·4	61·0	59·5	58·0	56·1	55·9	55·3	50·4	49·0	49·0	48·9	1
2	47·9	47·3	46·0	44·2	43·0	42·0	42·1	45·0	46·6	47·9	55·0	57·1	59·2	59·0	60·1	60·0	56·1	54·0	53·8	53·0	52·1	51·3	50·9	51·0	2
3	50·6	50·1	50·0	49·3	48·0	46·1	46·3	48·1	50·9	55·3	60·0	61·0	63·0	63·9	65·0	64·0	61·6	57·6	55·9	54·9	53·9	52·0	52·0	50·7	3
4	49·9	47·1	47·1	47·0	45·7	44·2	45·0	48·0	55·5	58·0	60·5	61·5	63·0	63·0	62·9	61·0	58·8	57·0	55·9	55·2	54·6	54·1	52·2	51·0	4
5	50·5	50·0	48·9	49·0	48·1	47·6	47·8	51·1	57·3	62·0	65·9	66·0	70·0	69·1	69·9	68·0	65·5	62·1	59·0	58·7	57·0	56·0	55·6	56·0	5
6	56·0	56·3	56·0	56·0	55·9	56·1	56·9	59·7	62·0	63·2	64·8	65·7	68·0	67·0	66·1	65·1	64·0	62·0	61·0	60·9	61·1	61·0	60·8	59·0	6
7	59·6	59·0	60·3	60·7	60·6	59·0	58·3	60·7	61·8	61·4	61·2	63·5	64·4	64·3	64·6	62·0	61·2	60·7	61·5	61·6	62·9	60·6	61·1	60·7	7
8	59·8	58·6	58·7	58·0	58·1	58·4	57·7	57·9	59·1	61·1	62·5	63·8	62·8	64·0	63·7	62·1	60·2	58·5	58·0	57·8	56·8	56·7	56·3	56·0	8
9	55·5	55·5	56·0	54·4	53·7	55·0	54·3	56·4	59·0	60·8	61·3	60·3	58·9	60·0	59·2	59·0	59·0	59·0	59·0	58·9	57·2	57·5	56·1	58·3	9
10	57·1	56·7	56·8	56·8	57·0	56·3	57·0	56·7	57·5	58·2	60·6	60·0	57·5	59·0	60·1	59·7	59·1	57·3	57·0	56·8	55·8	55·0	54·0	53·2	10
11	53·0	51·5	51·0	50·9	50·7	50·2	49·0	50·1	52·8	53·9	55·8	56·1	55·1	55·9	57·0	55·9	53·9	50·5	48·2	47·2	46·7	46·0	45·0	45·0	11
12	45·0	43·7	44·0	43·6	43·0	43·3	43·8	47·1	51·0	54·3	56·1	57·7	56·5	58·6	58·0	55·1	50·7	48·0	46·7	43·8	42·1	40·1	39·2		12
13	38·1	37·0	36·7	35·2	35·2	35·0	34·1	36·7	41·5	50·9	56·7	58·8	60·0	62·0	62·8	57·1	54·1	49·8	46·9	46·1	46·1	45·0	45·1	42·8	13
14	46·0	45·0	43·9	44·0	42·6	42·0	41·2	45·1	51·5	54·7	56·9	58·5	59·8	59·5	57·9	55·3	54·3	52·3	51·8	50·9	50·8	48·7	48·1	48·9	14
15	48·5	48·0	46·2	46·8	46·9	49·0	49·7	50·5	51·7	53·0	54·0	54·1	55·0	56·0	55·9	55·0	54·4	54·0	54·0	54·0	53·4	53·0	52·5	52·0	15
16	52·0	52·0	52·5	52·8	52·8	53·0	53·3	53·5	54·0	54·7	54·5	55·1	55·9	56·0	56·0	55·9	55·0	54·4	54·0	53·4	53·0	52·9	52·1	52·0	16
17	51·9	52·0	51·6	51·0	51·0	51·1	51·5	51·7	52·6	52·8	52·3	52·3	53·6	53·7	54·0	54·2	53·5	52·1	51·8	49·0	46·6	44·2	43·7	43·0	17
18	49·0	49·1	50·0	50·9	51·0	51·0	51·3	51·8	53·0	53·3	53·8	53·7	53·8	53·2	53·0	52·9	52·9	53·0	52·8	52·8	53·0	53·2	54·2	54·7	18
19	54·5	53·0	52·9	53·0	53·0	53·0	53·5	54·1	54·7	55·7	55·0	55·1	56·1	55·4	55·4	54·8	54·1	53·0	53·4	52·3	52·2	52·2	52·0	51·9	19
20	51·7	51·4	51·3	51·0	50·9	51·0	50·6	51·1	52·3	53·3	55·7	57·6	58·3	58·0	57·9	57·3	56·7	56·2	53·4	51·9	51·4	48·0	50·1	50·0	20
21	51·6	51·2	51·5	51·8	52·0	52·2	53·1	54·8	55·9	57·2	60·1	60·0	61·5	62·0	61·0	60·0	58·2	57·2	56·1	56·2	56·8	56·6	56·0	56·2	21
22	56·7	56·9	56·6	56·0	54·8	54·8	54·8	54·0	54·9	52·0	53·4	53·9	53·9	51·0	52·0	54·8	47·7	46·8	46·3	45·1	44·4	44·0	44·0	45·0	22
23	44·9	43·0	42·7	42·0	42·0	42·7	43·6	44·9	47·1	48·3	49·7	51·2	52·6	53·1	47·7	48·6	47·0	46·9	47·0	47·2	46·8	46·2	46·3	47·2	23
24	48·2	49·0	48·9	48·8	48·7	49·8	50·0	51·0	53·6	55·9	56·6	58·0	60·3	50·2	50·0	49·5	48·0	46·7	46·5	46·6	46·8	46·0	45·1	45·2	24
25	46·1	46·4	46·3	46·0	46·0	46·1	45·1	45·0	45·1	46·6	51·0	52·1	52·7	53·0	52·8	51·0	48·5	46·9	45·3	45·0	45·1	45·6	46·3	46·4	25
26	47·0	47·1	46·8	47·1	48·0	47·8	47·2	48·2	48·8	49·8	52·6	53·5	53·6	49·8	50·0	48·0	47·1	45·0	44·8	43·6	42·2	41·3	41·0	40·1	26
27	39·0	39·0	37·1	36·1	36·0	35·3	35·1	38·0	39·7	45·5	48·2	50·1	49·8	49·0	49·0	46·1	44·9	45·9	46·1	45·9	45·1	43·1	41·0	41·0	27
28	40·5	39·9	39·0	38·8	37·9	37·9	37·7	40·4	43·1	46·0	47·9	48·6	49·6	50·2	49·2	49·2	46·9	46·3	46·0	46·0	46·0	45·8	44·0	43·0	28
29	43·0	42·2	43·0	43·0	42·4	41·7	40·9	41·3	43·1	44·0	44·5	44·6	44·9	45·0	44·6	44·0	43·0	41·1	39·3	38·8	38·4	37·6	36·0	35·6	29
30	34·9	36·0	34·8	33·9	34·5	35·0	35·1	36·0	37·6	40·0	41·0	41·3	43·3	44·2	43·9	42·7	43·0	42·1	40·1	40·2	39·5	38·9	37·1	36·7	30
31	36·0	34·5	36·3	34·2	33·0	32·0	33·7	36·0	35·9	36·5	37·5	39·7	43·6	44·1	43·0	42·2	42·0	41·9	42·0	42·2	42·1	42·0	41·7	41·2	31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	50·2	50·1	50·7	50·9	50·8	50·0	49·6	50·0	51·1	51·5	53·8	52·9	54·6	53·6	53·8	54·0	54·5	54·0	53·8	53·9	49·0	47·7	47·1	46·7	1
2	45·9	45·9	44·6	43·3	42·0	41·3	41·0	43·1	44·5	46·0	51·0	53·0	54·2	54·3	55·2	54·8	52·5	51·5	51·4	51·1	50·9	50·0	50·0	50·0	2
3	49·9	49·7	49·5	48·9	47·5	45·9	46·0	47·9	50·0	53·8	56·1	56·0	58·2	56·3	56·7	56·3	56·7	55·0	54·0	53·2	52·9	51·1	51·0	50·0	3
4	49·1	46·8	47·0	46·7	44·8	43·9	44·5	47·5	53·0	53·8	56·0	55·5	54·3	54·3	54·6	55·5	55·4	54·8	54·0	53·7	53·2	52·7	52·4	51·3	4
5	50·0	49·2	48·0	48·1	47·8	47·1	47·1	50·2	55·3	59·0	60·6	59·9	63·3	62·4	63·6	62·4	61·1	58·7	56·2	56·0	54·7	53·3	53·0	53·4	5
6	52·9	53·0	53·0	53·4	53·5	54·0	54·4	57·0	58·6	60·0	61·3	61·9	63·0	62·9	62·6	62·0	61·6	60·5	59·7	59·7	60·0	59·7	59·1	57·9	6
7	58·3	58·2	59·3	59·2	59·0	57·7	57·0	58·3	59·0	57·3	56·0	57·0	57·9	57·9	58·3	57·0	57·0	56·7	56·7	56·7	57·4	57·5	57·6	58·0	7
8	56·8	55·6	56·8	55·1	55·5	55·6	56·0	56·4	56·9	57·6	57·5	58·0	57·0	56·9	56·4	55·6	55·0	54·9	54·9	55·0	54·4	54·5	54·1	54·0	8
9	54·0	53·9	54·0	52·9	52·3	53·0	52·8	54·0	56·5	56·2	56·8	56·5	57·1	57·5	57·3	57·7	57·9	57·0	56·8	56·5	55·0	55·0	55·3	55·0	9
10	55·0	54·8	54·4	54·5	54·6	54·9	55·1	55·0	55·9	55·6	56·8	56·2	55·6	56·1	55·4	55·0	53·8	53·4	52·9	52·0	51·4	50·4	50·0		10
11	49·6	48·4	48·0	47·9	47·7	47·1	46·6	47·0	48·6	49·0	49·1	48·3	47·9	47·9	48·0	47·3	47·1	46·7	44·7	44·0	43·6	43·6	43·1	43·2	11
12	43·3	42·3	43·0	42·9	42·6	42·1	42·5	42·7	45·3	47·5	49·6	50·0	50·4	51·0	51·0	51·1	50·7	48·6	47·2	44·9	43·0	41·6	39·9	38·9	12
13	37·9	36·8	36·2	35·0	35·0	34·6	34·0	36·1	40·5	49·5	52·1	53·0	53·0	51·0	51·7	51·5	50·1	47·9	45·5	45·0	45·2	44·6	44·5	42·0	13
14	44·7	44·0	43·1	43·3	42·1	41·3	41·0	44·0	49·4	49·9	50·0	50·8	49·8	50·8	49·7	49·3	48·9	48·8	48·0	47·7	46·4	46·4	46·4	46·4	14
15	46·3	46·4	45·7	45·6	46·0	47·6	48·1	49·0	50·0	51·0	52·1	53·0	52·6	52·2	52·0	51·4	51·0	51·0	51·0	50·9	50·9	50·8			15
16	50·7	51·0	51·0	51·6	51·9	52·0	52·4	52·5	53·0	53·6	53·5	54·2	54·8	54·2	54·8	54·2	54·0	53·6	53·1	52·9	52·6	52·2	51·9	51·6	16
17	51·5	51·7	51·1	50·8	50·8	50·9	51·0	51·0	52·0	52·0	52·0	52·9	52·6	52·9	53·0	53·0	52·6	51·0	51·0	48·9	46·1	44·1	43·0	43·0	17
18	48·9	49·0	49·6	50·0	50·0	50·0	49·9	49·6	49·5	49·9	50·0	49·6	49·6	49·6	49·2	49·0	48·6	49·0	49·6	49·8	50·1	50·9	51·1	52·0	18
19	52·0	51·2	51·1	51·0	51·2	51·5	51·8	52·0	51·9	52·0	51·2	51·6	52·0	51·1	51·6	51·0	50·6	51·0	51·3	51·1	51·1	51·0	51·1	51·0	19
20	50·9	50·8	50·7	50·2	50·5	50·0	50·8	51·6	52·5	54·0	55·0	55·1	55·2	55·0	55·0	55·0	52·9	51·5	50·6	47·9	50·0	50·9			20
21	51·1	51·0	51·1	51·3	51·9	52·0	52·9	54·2	55·0	56·0	58·0	57·5	58·0	58·4	58·0	56·2	55·0	54·0	53·1	53·4	53·8	54·1	54·1	54·5	21
22	54·6	54·7	54·8	48·0	47·9	47·6	47·0	47·0	47·8	48·2	48·5	49·1	48·1	48·1	48·4	46·9	45·9	45·0	44·5	44·1	43·4	42·9	42·6	43·4	22
23	42·9	41·6	41·0	40·7	40·4	40·8	41·3	42·1	43·6	44·2	44·5	45·1	46·5	46·9	46·6	45·7	45·0	44·9	45·0	44·6	44·1	43·9	44·2	45·0	23
24	46·0	46·4	46·4	46·5	47·2	48·3	48·9	50·2	52·7	54·9	56·0	56·9	57·2	47·1	46·1	45·2	45·0	44·1	43·8	44·8	44·8	44·0	43·0	42·9	24
25	43·7	44·0	44·4	44·3	44·5	44·7	44·0	43·8	44·0	45·1	47·0	46·6	47·1	47·0	47·0	46·0	45·2	44·0	43·1	43·1	43·3	43·6	44·1	44·4	25
26	45·0	46·0	45·8	46·2	47·2	46·9	46·6	47·4	47·9	47·8	49·5	48·5	49·5	46·9	47·2	45·0	44·7	43·6	43·4	42·7	41·8	40·9	40·7	39·9	26
27	38·9	38·8	37·0	36·0	35·8	35·2	35·0	37·8	39·0	43·1	45·0	46·0	45·9	45·0	45·1	44·2	43·6	43·4	43·9	44·0	43·7	42·6	40·6		27
28	40·1	39·7	38·9	38·7	37·9	37·6	37·2	39·4	41·9	43·1	44·1	44·7	43·4	43·9	43·4	43·0	41·5	41·0	40·8	41·4	41·3	41·0	40·9	41·0	28
29	40·7	40·0	40·2	40·1	39·9	39·0	38·8	39·1	40·0	40·7	40·3	40·4	40·5	40·5	40·7	39·9	40·1	38·8	37·7	37·1	37·0	36·2	35·0	34·6	29
30	34·4	33·3	32·6	33·1	33·5	33·6	34·0	35·1	37·0	38·2	39·4	40·8	41·5	41·0	41·0	41·0	40·9	39·5	40·0	39·1	38·8	37·1	36·2		30
31	36·0	34·4	35·0	34·0	32·8	32·0	33·6	34·8	35·4	36·0	37·0	38·9	42·1	41·2	40·8	40·6	40·9	41·1	41·2	41·4	41·3	41·1	40·2	40·0	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116. Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51°28' N. LONG: 0°19' W.

HOURLY VALUES October 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	24	3	24	4	24	1·5	24	2	24	4	30	6·5	32	4·5	32	4	32	2	32	4·5	30	4·5	28	4·5	28	4	28	3	24	4·5	24	2	24	2	24	1·5	24	2	28	7·5	3	17	4	12	4	9·5	4	8·5	1
2	4	9·5	4	4	4	6·5	4	6·5	4	4	4	2	4	4·5	4	4	4	2	4	4·5	8	7·5	8	10·5	12	6·5	14	9·5	15	7·5	15	8·5	15	4·5	15	3	15	4	15	4	15	5·5	16	3	15	3	15	2	2
3	15	2	15	1·5	16	1·5	15	1·5	15	2	15	2	15	2	15	3	15	2	15	4·5	20	8·5	21	6·5	21	6·5	21	5·5	21	5·5	21	4	21	4	21	5·5	21	4·5	21	2	21	2	21	1·5	21	1·5	3
4	21	3	21	2	21	3	21	3	21	2	21	2	21	2	21	2	21	4	18	7·5	17	7·5	16	14	16	8·5	17	8·5	17	9·5	17	7·5	17	7·5	17	6·5	17	4·5	17	5·5	17	3	17	2	17	2	17	2	4
5	17	4	17	3	17	3	17	3	17	2	17	3	17	3	17	2	17	2	17	4	17	7·5	18	7·5	17	9·5	17	8·5	17	7·5	17	7·5	17	6·5	17	4·5	17	5·5	17	4·5	17	4·5	17	2	17	6·5	17	4	5
6	17	4	11	8·5	11	6·5	11	6·5	11	5·5	11	3	11	5·5	12	7·5	16	13	16	9·5	16	13	17	13	16	14	17	11	16	10·5	16	8·5	16	6·5	16	6·5	16	6·5	16	7·5	16	8·5	16	11	16	13	16	6·5	6
7	16	3	16	4	16	6·5	16	8·5	17	11	17	5·5	17	8·5	17	12	18	17	19	20	18	21	18	22	17	21	18	24	16	20	16	16	15	14	12	11	13	15	13	18	15	22	14	15	14	17	15	17	7
8	17	15	17	13	16	16	16	13	17	12	16	15	16	12	16	12	17	16	17	18	18	20	19	20	19	20	19	20	19	23	20	20	20	18	19	14	19	14	19	14	19	14	19	13	19	11	19	10·5	8
9	18	13	18	10·5	19	10·5	19	7·5	19	9·5	18	10·5	18	11	17	16	17	21	17	25	17	28	17	27	16	22	16	26	16	25	17	25	17	27	17	17	17	18	17	22	17	21	17	20	17	24	17	22	9
10	17	23	17	20	17	25	17	23	17	21	17	21	17	22	17	21	19	19	18	25	19	30	19	27	20	20	19	23	21	20	21	19	21	21	21	19	21	19	21	20	20	19	21	20	21	16	21	17	10
11	21	19	21	17	21	16	21	16	21	14	21	14	21	14	22	14	22	16	24	18	24	16	24	20	25	17	26	13	25	12	25	12	25	8·5	25	6·5	25	5·5	25	5·5	25	7·5	25	3	25	4	25	4·5	11
12	25	4	25	3	25	4	25	2	25	3	25	2	26	3	25	4	25	4	25	4·5	25	4	25	5·5	28	4	24	7·5	29	4·5	29	2	29	2	29	1·5	29	2	29	2	29	2	29	1·5	29	1·5	29	2	12
13	24	1·5	29	1·5	29	1·5	29	1·5	29	2	29	1·5	29	1·5	29	1·5	29	1·5	20	7·5	16	1·5	17	16	17	17	17	12	17	9·5	17	4·5	17	2	17	4·5	17	3	17	4	17	3	17	2	17	7·5	13
14	15	6·5	15	2	16	2	15	3	15	2	15	3	15	8·5	11	7·5	11	12	10	15	10	20	10	23	11	21	9	21	8	22	8	25	8	22	8	15	8	17	8	15	9	13	9	7·5	9	9·5	9	11	14
15	9	9·5	9	6·5	9	2	9	5·5	9	5·5	9	5·5	9	6·5	8	4·5	8	4	7	5·5	7	4·5	7	2	7	6·5	6	11	6	9·5	7	9·5	7	6·5	7	10·5	7	6·5	7	4·5	7	3	7	4·5	7	3	7	4	15
16	7	4	7	5·5	7	4	7	5·5	7	2	7	3	7	2	7	2	7	2	7	2	7	1·5	7	1·5	7	3	7	1·5	7	3	7	1·5	7	2	7	1·5	7	1·5	7	1·5	7	1·5	7	1·5	7	1·5	7	2	16
17	7	1·5	7	2	7	1·5	7	1·5	7	1·5	7	2	7	1·5	7	3	7	2	7	2	7	1·5	7	1·5	7	3	7	2	7	3	7	3	7	4	7	4·5	7	4	7	3	7	3	7	4·5	7	9·5	7	5·5	17
18	7	4·5	7	3	7	4	7	7·5	7	5·5	7	6·5	7	8·5	7	16	7	16	8	16	8	23	8	25	7	28	6	26	6	23	8	25	7	20	6	19	6	14	6	12	7	16	7	12	7	15	7	18	18
19	7	17	7	12	7	13	7	12	7	11	7	10·5	7	10·5	7	15	7	19	7	19	8	20	7	17	8	16	8	15	8	10·5	8	7·5	8	5·5	8	4	8	4	8	3	8	2	8	1·5	8	4	8	3	19
20	8	2	8	3	8	3	8	2	8	2	8	2	8	3	10	2	10	2	10	2	10	1·5	10	4	13	4·5	14	4·5	14	4·5	14	4	14	3	14	3	14	3	14	4	14	3	14	4	14	4	14	2	14	2	20
21	14	1·5	14	1·5	14	2	14	3	14	1·5	14	2	14	7·5	14	5·5	17	6·5	17	7·5	16	10·5	18	8·5	18	11	19	12	18	15	20	16	19	19	19	20	20	22	19	20	19	27	19	23	19	25	19	21	21
22	19	25	19	24	19	24	26	14	24	5·5	24	4·5	19	8·5	18	6·5	18	11	20	11	21	11	22	10·5	22	7·5	22	10·5	23	6·5	22	9·5	22	7·5	22	5·5	22	7·5	22	6·5	22	6·5	22	6·5	22	7·5	22	8·5	22
23	22	9·5	22	10·5	22	9·5	22	11	21	12	21	12	21	12	21	16	21	16	22	13	22	17	*	17	*	16	*	15	21	15	22	10·5	21	7·5	21	7·5	21	10·5	21	11	20	11	20	8·5	20	8·5	20	12	23
24	20	13	19	13	19	11	19	7·5	19	6·5	18	12	17	14	15	23	16	28	17	30	20	33	21	30	24	20	25	22	24	15	24	13	24	9·5	22	9·5	21	9·5	21	11	21	12	20	12	20	15	20	12	24
25	20	13	20	11	20	10·5	20	7·5	20	6·5	20	7·5	20	4·5	20	4·5	20	4·5	20	4·5	23	11	23	11	22	11	22	15	22	14	22	10·5	22	10·5	21	10·5	21	10·5	21	10·5	20	9·5	20	10·5	18	9·5	18	13	25
26	18	13	18	10·5	18	10·5	17	13	17	14	17	8·5	17	10·5	18	10·5	18	10·5	19	15	20	15	22	13	24	10	25	12	24	15	26	15	26	9·5	26	4·5	26	6·5	26	5·5	26	6·5	26	4·5	26	5·5	26	5·5	26
27	26	5·5	26	3	26	2	26	3	26	2	26	3	26	3	26	2	26	3	26	4·5	29	4·5	32	8·5	30	6·5	31	11	31	7·5	31	4·5	31	3	31	4	31	6·5	31	4·5	31	4	31	4	31	4	31	4	27
28	31	3	31	4	29	5·5	28	5·5	27	7·5	25	7·5	24	8·5	21	11	22	10·5	23	14	24	15	24	14	26	10	25	17	24	13	24	15	23	13	23	12	23	17	23	20	25	15	25	13	25	17	26	13	28
29	24	13	24	12	26	14	26	14	26	11	26	10·5	26	7·5	26	9·5	26	9·5	26	14	26	14	26	15	26	12	26	12	26	10·5	26	7·5	26	8·5	26	8·5	26	4·5	26	4·5	26	5·5	26	5·5	26	6·5	26	5·5	29
30	26	3	26	5·5	26	8·5	26	9·5	26	10·5	25	9·5	24	8·5	22	12	22	13	22	18	24	16	24	16	26	17	24	16	24	9·5	24	4·5	27	6·5	27	9·5	29	5·5	29	4·5	29	4	29	3	29	4	27	4·5	30
31	29	4·5	29	2	29	3	29	3	29	2	29	3	29	4	29	3	29	4·5	29	5·5	29	4	29	4·5	29	6·5	29	7·5	26	9·5	26	4·5	26	4·5	26	4	26	4	26	4·5	26	4	26	4	26	4	26	4	31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1																						015	005		1
2																									2
3										Dew 010															3
4																									4
5																									5
6													005					030	015						6
7	020								005														005		010	7
8	015						005	010																	8
9														005	005	010	085	010	005						9
10		050	010			040	015	030	030	150		005	025	010											10
11																									11
12																									12
13																									13
14										Dew 010															14
15																									15
16																									16
17																									17
18																									18
19																									19
20	030	010			005	005																			20
21										005														005	21
22	005		010	155	025	010	010	010	005					035											22
23														025		005									23
24							020	025	090	035	100	320													24
25																									25
26		010	010	010	125	060			035																26
27										010															27
28																									28
29										005															29
30												010							210						30
31																				025					31
	015	040	070	030	165	185	115	050	040	165	185	100	295	030	015	065	010	090	040	230	025	015	010	015	

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	341	353	359	357	336	328	332	336	331	363	344	368	331	329	349	380	390	387	396	330	315	300	292		1
2	292	276	270	255	252	244	255	269	286	325	350	357	362	373	364	352	347	347	350	357	344	349	348		2
3	352	348	341	322	308	307	331	349	394	398	383	420	360	347	359	395	397	392	382	387	364	361	352		3
4	317	322	316	292	283	287	322	370	362	389	318	321	328	350	368	378	377	384	379	372	370	366	358		4
5	339	323	325	329	318	315	352	410	456	453	431	486	468	496	482	474	446	413	411	397	373	369	375		5
6	361	365	375	379	390	389	427	444	471	491	497	501	512	515	509	512	504	493	494	501	493	476	464		6
7	474	491	482	476	458	447	453	459	414	381	382	396	397	405	399	408	406	397	395	400	430	426	443		7
8	402	406	396	406	404	425	434	432	424	407	405	389	374	364	361	367	384	390	395	391	395	390	391		8
9	394	391	380	373	375	378	385	399	391	402	405	441	438	442	458	464	436	430	423	403	399	400	389		9
10	403	391	394	394	412	408	409	425	407	410	401	416	410	397	383	379	369	361	352	342	335	320	320		10
11	295	299	298	295	286	289	285	290	289	277	259	257	253	244	242	251	264	255	251	249	257	255	257		11
12	254	265	268	261	257	263	261	281	288	299	294	285	290	291	298	317	316	314	289	267	257	244	234		12
13	216	208	202	202	196	195	206	241	337	333	332	321	287	293	315	311	310	288	286	291	289	286	257		13
14	275	268	272	262	252	255	274	327	302	284	288	269	259	293	293	293	305	308	300	295	288	284	286		14
15	295	301	291	299	312	316	329	341	347	360	362	375	355	346	349	353	344	334	334	342	345	352	356		15
16	361	354	367	374	374	382	382	388	396	396	408	414	397	413	398	403	400	391	394	391	382	384	377		16
17	380	369	369	369	370	368	365	380	377	384	381	383	390	388	385	384	360	364	345	308	287	358	344		17
18	347	350	349	348	348	342	328	311	316	312	305	303	302	299	291	300	313	320	328	345	347	358	360		18
19	352	351	347	352	361	362	359	350	343	330	338	339	324	336	327	323	347	342	364	361	361	361	362		19
20	363	362	366	354	361	353	368	373	385	395	398	389	396	400	401	409	416	394	376	359	332	360	371		20
21	371	371	372	385	385	399	412	420	431	452	438	433	439	439	401	390	375	367	372	375	383	394	402		21
22	398	405	309	321	319	309	309	314	312	299	297	280	270	309	264	267	267	266	264	261	258	257	262		22
23	245	237	239	233	233	234	236	244	245	242	236	251	254	289	273	275	274	275	264	257	261	265	273		23
24	285	286	289	306	320	332	353	386	417	440	390	304	286	267	254	263	259	266	276	273	265	252	249		24
25	260	270	272	276	279	274	271	274	282	276	257	262	257	259	255	263	254	252	255	260	261	263	269		25
26	297	296	302	314	310	310	317	322	307	316	283	304	286	291	263	267	266	264	263	261	251	250	244		26
27	234	219	211	208	203	201	203	224	230	273	261	264	265	255	257	268	267	253	262	266	267	267	248		27
28	242	236	234	227	221	216	230	252	246	246	252	219	222	222	215	211	212	211	214	220	226	222	234		28
29	223	219	217	219	209	212	215	214	218	207	208	207	206	202	203	217	210	209	203	204	199	193	191		29
30	182	172	169	172	174	175	175	179	189	201	220	227	232	225	237	234	242	236	245	234	235	221	208		30
31	198	201	194	184	182	192	200	202	206	214	228	252	227	230	239	243	248	249	252	251	247	232	233		31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 2.3 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·146	30·140	30·143	30·140	30·139	30·147	30·156	30·174	30·186	30·210	30·214	30·224	30·222	30·227	30·236	30·243	30·261	30·281	30·299	30·320	30·328	30·338	30·348	30·356	1
2	·352	·347	·348	·347	·353	·355	·364	·387	·395	·401	·413	·413	·409	·408	·408	·413	·422	·433	·438	·437	·438	·450	·451	·442	2
3	·436	·440	·440	·416	·414	·412	·409	·403	30·402	30·391	30·379	30·362	30·347	30·328	30·304	30·292	30·273	30·276	30·266	30·259	30·247	·232	·219	·195	3
4	·169	·142	·119	·081	·060	·041	·026	·005	29·988	29·979	29·965	29·938	29·922	29·934	29·925	29·934	29·941	29·956	29·969	29·982	29·993	·003	·011	·009	4
5	·024	·045	·056	·063	30·073	30·083	30·088	30·111	30·120	30·141	30·142	30·130	30·121	30·113	30·105	30·105	30·102	30·103	30·102	30·103	30·089	30·081	30·076	30·064	5
6	30·050	30·030	30·020	30·001	29·981	29·970	29·960	29·953	29·951	29·946	29·938	29·933	29·924	29·915	29·905	29·905	29·900	29·907	29·910	29·917	29·924	29·925	29·928	29·927	6
7	29·926	29·928	29·930	29·928	·929	·943	·952	·963	·977	·979	·975	·974	·962	29·951	29·935	29·929	29·919	29·908	29·889	29·867	29·849	29·817	29·796	29·761	7
8	29·710	29·692	29·691	29·673	29·661	29·677	29·684	29·755	29·805	29·859	29·909	29·961	29·975	30·007	30·027	30·051	30·069	30·108	30·127	30·161	30·185	30·211	30·222	30·241	8
9	30·252	30·256	30·255	30·257	30·262	30·264	30·219	30·237	30·223	30·205	30·168	30·129	30·070	30·044	29·996	29·950	29·887	29·826	29·772	29·724	29·684	29·665	29·616	29·577	9
10	29·538	29·541	29·514	29·464	29·440	29·408	29·381	29·387	29·375	29·400	29·387	29·351	29·348	29·370	·403	·450	·499	·551	·596	·637	·674	·713	·735	·771	10
11	·794	·800	·798	·825	·813	·810	·807	·809	·795	·796	·765	·768	·760	·768	·771	·773	·774	·773	·776	·771	·759	·710	·652	·580	11
12	·516	·551	·526	·498	·482	·507	·510	·536	·555	·586	·589	·614	·629	·651	·667	·704	·712	·718	·741	·772	·769	·811	·824	·835	12
13	·829	·813	·814	·821	·823	·841	·841	·861	·871	·884	·893	·884	·879	·877	·878	·872	·885	·893	·906	·911	·910	·926	·928	·925	13
14	·915	·913	·904	·909	·913	·907	·911	·919	·918	·925	·924	·910	·897	·890	·870	·872	·871	·875	·874	·869	·867	·873	·874	·882	14
15	·878	·886	·882	·875	·871	·873	·871	·887	·891	·894	·897	·893	·880	·878	·872	·880	·875	·881	·871	·861	·851	·847	·829	·825	15
16	·807	·796	·793	·779	·777	·778	·771	·768	·767	·767	·774	·760	·741	·740	·738	·748	29·760	29·780	29·788	29·808	29·819	29·830	29·831	29·835	16
17	29·846	29·855	29·854	29·869	29·885	29·910	29·925	29·936	29·946	29·960	29·973	29·977	29·977	29·976	29·979	29·996	30·011	30·028	30·035	30·049	30·068	30·092	30·095	30·116	17
18	30·125	30·129	30·145	30·153	30·158	30·172	30·194	30·224	30·236	30·269	30·255	30·253	30·258	30·260	30·266	30·270	·275	·294	·309	·306	·308	·316	·324	·332	18
19	·339	·343	·338	·341	·342	·351	·362	·366	·362	·364	·374	·379	·370	·371	·370	·377	·379	·386	·391	·394	·392	·391	·378	·381	19
20	·379	·374	·371	·361	·353	·344	·347	·357	·356	·361	·354	·346	·332	·322	·315	·313	·308	·310	·310	·304	·298	·285	·270	·257	20
21	·240	·227	·213	·196	30·183	30·180	30·175	30·166	30·162	30·159	30·156	30·142	30·124	30·108	30·102	30·099	30·091	30·085	30·084	30·074	30·066	30·058	30·050	30·049	21
22	30·040	30·021	30·009	30·006	29·998	29·996	29·987	29·993	29·992	29·989	29·986	29·978	29·953	29·939	29·933	29·932	29·929	29·932	29·927	29·929	29·925	29·929	29·921	29·925	22
23	29·914	29·911	29·906	29·895	·886	·887	·882	·879	·877	·879	·879	·863	·845	·827	·802	·798	·784	·774	·769	·763	·755	·737	·713	·703	23
24	·679	·661	·639	·611	·599	·593	·572	·563	·558	·549	·554	·527	·507	·478	·468	·467	·464	·457	·455	·451	·444	·440	·436	·434	24
25	·421	·412	·406	·400	·394	·389	·387	·390	·395	·399	·394	·398	·388	·374	·367	·374	·372	·385	·392	·405	·408	·415	·414	·424	25
26	·415	·411	·406	·397	·393	·392	·391	·393	·405	·424	·446	·447	·449	·458	·469	·490	·509	·541	·560	·586	·603	·616	·618	·642	26
27	·636	·642	·652	·659	·658	·668	·682	·688	·696	·706	·716	·694	·676	·649	·636	29·628	29·634	29·653	29·677	29·685	29·695	29·717	29·726	29·729	27
28	29·728	29·728	29·732	29·741	29·768	29·782	29·802	29·840	29·886	29·922	29·938	29·947	29·962	29·957	29·964	30·004	30·033	30·056	30·080	30·111	30·129	30·134	30·138	30·147	28
29	30·147	30·147	30·151	30·149	30·149	30·149	30·143	30·143	30·139	30·134	30·125	30·113	30·088	30·068	30·053	30·053	30·056	·059	·063	·066	·068	·077	·073	·073	29
30	30·078	30·069	30·073	30·067	30·057	30·054	30·053	30·064	30·046	30·033	30·009	29·979	29·968	29·968	29·965	29·972	29·992	30·005	30·010	30·022	30·024	30·027	30·036	30·041	30
31																									31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	38·6	38·2	38·0	40·2	40·9	43·0	44·0	43·9	43·7	45·1	46·4	47·2	47·7	47·6	47·3	46·5	45·2	44·3	42·0	43·9	43·0	41·1	43·9	42·0	1
2	42·0	43·4	44·0	44·4	42·6	41·8	40·4	41·1	44·4	45·3	47·3	47·4	47·4	47·7	47·9	47·3	46·5	44·2	42·2	41·8	41·7	40·2	40·4	40·0	2
3	39·0	39·5	39·4	37·8	37·6	36·2	37·2	37·6	39·8	42·6	46·8	49·5	50·7	48·7	49·8	48·5	47·9	48·3	47·5	47·7	46·8	44·4	45·2	47·3	3
4	48·4	48·7	48·4	46·9	46·8	46·6	46·9	47·1	47·6	48·4	49·3	50·6	51·9	50·7	50·4	48·3	48·7	48·0	47·9	48·3	47·9	47·7	47·2	46·9	4
5	46·0	46·1	45·5	44·4	44·0	43·7	43·8	43·1	43·6	44·6	46·2	47·6	49·1	48·7	49·9	49·0	47·5	47·2	47·8	47·5	47·2	47·6	47·2	47·4	5
6	47·2	47·0	46·7	47·3	47·3	47·3	48·3	48·1	48·1	48·8	50·3	49·6	50·5	49·6	48·8	48·3	46·8	46·9	47·4	47·1	46·2	46·6	45·0	42·7	6
7	41·6	41·6	41·2	41·0	41·4	40·9	40·7	41·4	41·1	43·6	45·9	48·6	48·8	50·0	49·3	48·1	46·7	46·0	46·2	45·7	46·2	46·9	47·0	46·0	7
8	47·8	47·9	47·3	44·3	47·0	46·5	42·9	45·6	45·0	44·2	45·5	41·6	44·5	43·4	43·0	44·8	44·3	42·9	42·7	43·6	44·4	44·3	42·7	43·9	8
9	44·6	43·7	44·0	43·6	43·3	41·6	40·9	39·7	44·1	46·3	48·1	48·3	49·6	50·0	49·9	50·7	50·1	50·7	51·5	52·4	52·9	52·8	53·1	53·2	9
10	53·4	50·2	48·9	49·1	48·7	49·4	50·2	47·7	48·6	46·2	44·7	47·2	50·1	50·0	50·0	50·0	45·9	46·3	45·7	45·6	45·0	43·8	45·4	43·9	10
11	42·9	42·9	43·7	45·0	43·5	42·9	45·0	45·0	46·6	46·7	47·7	46·6	47·1	45·1	44·0	43·1	41·2	40·1	40·0	39·6	40·0	40·7	38·6	37·2	11
12	37·2	34·3	36·0	37·3	35·6	33·9	36·0	35·2	36·4	35·4	37·3	37·7	40·7	40·3	42·2	43·0	43·8	44·7	41·9	41·3	42·3	42·9	39·0	39·9	12
13	38·8	41·2	37·0	37·8	37·3	35·8	38·0	37·9	39·1	39·4	41·6	42·9	42·8	43·2	43·7	44·4	43·4	42·0	43·2	42·2	43·0	40·8	40·9	39·3	13
14	41·9	42·2	41·7	42·6	41·8	41·9	42·3	42·6	43·0	43·8	44·9	45·7	45·1	45·7	45·1	44·1	43·5	42·2	41·2	41·6	42·3	39·8	39·0	39·6	14
15	39·4	41·2	41·7	42·9	43·7	44·2	44·3	44·2	45·6	46·6	47·2	47·9	47·9	48·0	46·1	45·0	45·0	45·0	45·4	45·4	45·9	45·2	46·2	45·6	15
16	45·0	44·9	44·3	43·7	44·6	45·2	45·2	45·6	46·4	46·2	46·5	45·9	48·2	46·8	47·2	46·9	47·2	46·9	45·8	46·5	46·5	46·1	44·9	45·9	16
17	46·5	46·0	46·6	46·8	46·4	46·0	46·0	45·9	46·5	47·4	48·3	49·6	48·9	47·9	47·9	47·4	47·8	48·0	48·2	47·3	46·6	46·0	45·8	45·7	17
18	45·4	44·6	44·7	44·6	44·8	44·9	45·1	43·3	43·8	44·9	45·9	47·0	47·7	48·6	48·2	46·5	44·9	42·2	41·0	40·4	40·9	38·8	38·9	38·9	18
19	38·2	37·6	38·0	40·6	40·4	41·3	41·4	40·4	41·2	45·2	47·3	48·8	48·9	49·1	49·5	48·9	48·1	48·2	47·6	47·9	48·0	48·2	48·2	48·7	19
20	48·6	48·4	48·3	48·2	48·1	47·7	47·2	45·1	45·0	46·2	47·5	47·7	48·1	48·6	48·5	47·4	46·4	45·8	45·0	45·0	45·0	44·7	44·2	44·2	20
21	43·4	43·4	43·6	42·7	43·0	43·1	43·2	43·0	43·8	44·3	45·4	45·8	45·7	46·5	46·2	45·6	45·2	44·8	44·3	44·3	44·2	44·3	44·3	43·8	21
22	43·6	43·5	43·8	44·0	43·8	43·0	43·5	43·4	43·5	44·5	45·9	45·8	45·4	45·5	45·6	45·0	44·2	43·5	43·6	43·0	42·8	43·3	42·3	41·3	22
23	40·3	41·7	40·7	40·6	40·5	40·8	41·6	42·1	41·9	43·7	44·9	46·9	47·2	47·1	47·7	46·9	45·5	45·1	45·5	44·6	44·5	44·1	45·2	44·0	23
24	44·8	43·2	42·7	42·7	42·3	42·0	42·2	41·9	41·9	42·0	42·1	42·5	43·1	43·9	43·1	42·4	39·8	40·3	39·7	40·9	40·9	37·9	37·3	36·1	24
25	36·0	34·9	34·8	34·8	36·3	35·8	35·8	37·6	38·1	40·3	43·0	41·1	43·6	44·3	45·7	43·9	41·7	40·2	41·6	38·5	37·3	36·9	35·4	34·6	25
26	34·5	34·2	34·4	36·9	38·2	39·6	38·9	40·7	40·0	41·6	42·3	44·2	44·7	45·4	45·1	42·4	40·9	39·5	39·9	38·6	37·9	36·9	36·5	36·4	26
27	36·2	35·7	36·7	36·1	36·9	38·0	38·1	37·0	36·1	38·0	39·6	40·6	41·0	41·7	41·3	38·9	38·5	37·9	34·3	36·8	36·6	36·5	36·6	36·1	27
28	34·9	36·5	36·8	36·9	38·2	39·8	38·7	39·3	*	†38·5	39·7	40·7	41·0	40·9	41·1	40·1	38·8	38·4	38·3	37·9	36·4	38·8	38·7	36·8	28
29	35·6	34·8	35·1	35·4	36·0	34·9	35·8	36·1	43·7	43·8	44·3	44·6	46·5	45·9	46·7	46·2	47·2	47·6	47·6	47·0	48·0	48·4	47·7	47·6	29
30	46·9	47·9	48·0	47·4	47·4	46·9	47·8	47·8	48·0	47·6	47·6	48·3	49·9	49·3	48·1	47·6	48·2	47·7	48·4	48·3	47·9	47·9	47·5	47·6	30
31																									31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT: 51°55′N. LONG: 10°18′ W. HOURLY VALUES November 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W, 16-S 32-N) AND VELOCITY IN MILES PER HOUR

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	2	7·5	2	4	2	5·5	2	4·5	4	6·5	1	15	1	16	2	10·5	3	12	3	12	6	19	4	14
2	32	4	31	6·5	31	1·5	31	3	2	5·5	4	3	5	1·5	5	3	5	15	3	16	4	21	3	23
3	5	2	5	2	7	2	7	1·5	7	1·5	7	1·5	7	1·5	7	2	7	1·5	7	1·5	7	2	1	9·5
4	1	11	31	14	31	9·5	31	8·5	30	5·5	30	7·5	32	9·5	30	8·5	30	8·5	31	8·5	31	11	32	13
5	4	16	5	14	5	6·5	5	13	2	13	3	12	3	16	4	12	3	7·5	3	3	4	4·5	4	4·5
6	31	10·5	30	8·5	30	9·5	30	8·5	31	12	31	16	31	19	31	21	30	18	30	16	32	16	31	18
7	9	2	9	2	9	3	9	2	9	3	13	1·5	13	2	13	1·5	13	2	15	2	16	1·5	25	5·5
8	24	30	27	34	27	40	26	43	26	45	28	42	28	41	30	34	30	35	30	30	30	30	32	30
9	30	11	28	7·5	29	4	29	4	4	4·5	5	4	8	3	16	2	20	12	18	21	18	28	18	34
10	27	12	26	22	26	12	25	14	25	16	24	19	26	24	25	25	25	26	27	34	25	26	24	30
11	30	26	29	18	29	24	30	21	28	19	27	24	27	30	26	28	26	32	27	24	26	30	28	28
12	31	30	31	26	32	13	29	21	30	26	2	15	5	15	4	14	30	16	30	16	1	18	3	20
13	1	25	30	29	1	25	31	26	1	17	32	20	32	17	32	20	32	24	32	16	31	24	3	19
14	1	17	32	13	32	16	32	17	32	17	32	12	32	11	29	10·5	32	7·5	4	7·5	5	6·5	2	8·5
15	1	9·5	2	4·5	2	5·5	32	16	32	17	32	20	1	21	1	17	1	19	1	24	1	23	1	28
16	31	19	31	20	31	21	31	23	31	21	32	23	30	23	31	25	31	24	30	27	32	24	31	28
17	32	30	31	26	32	30	32	28	31	26	32	20	32	20	32	23	32	22	32	21	31	24	31	17
18	5	3	5	6·5	3	7·5	3	8·5	3	8·5	3	8·5	3	8·5	2	5·5	2	4·5	2	2	2	4·5	2	6·5
19	4	1·5	4	1·5	5	4	9	4·5	9	4	9	4·5	9	1·5	9	2	13	3	12	11	14	9·5	15	8·5
20	16	17	14	16	15	18	15	16	14	17	14	17	14	12	14	8·5	14	5·5	14	7·5	12	7·5	12	5·5
21	11	10·5	10	6·5	10	6·5	10	4	10	4·5	10	3	10	4	10	6·5	10	5·5	10	3	10	4	10	7·5
22	13	3	13	4	12	7·5	12	8·5	11	5·5	11	5·5	9	8·5	9	8·5	9	4·5	9	9·5	10	12	11	13
23	13	2	4	5·5	3	5·5	3	5·5	3	6·5	3	9·5	3	4·5	3	4·5	3	3	3	4·5	3	4·5	3	4
24	5	11	5	13	5	20	5	19	5	18	5	12	5	11	3	10·5	4	9·5	3	14	2	13	2	13
25	4	2	4	1·5	4	4	4	3	4	2	4	4	4	4·5	10	11	10	9·5	10	9·5	12	13	12	6·5
26	30	4	32	4·5	1	3	6	4	7	5·5	16	4	12	10·5	14	10·5	13	8·5	12	9·5	12	4·5	5	4·5
27	3	14	3	16	2	12	4	10·5	5	8·5	2	10·5	1	14	3	10·5	5	3	3	8·5	31	16	1	11
28	4	4	32	7·5	3	12	3	18	3	18	3	27	4	24	4	26	4	19	4	15	5	25	4	19
29	3	9·5	1	4·5	32	3	32	3	32	2	32	2.	5	3	1	7·5	26	10·5	28	13	28	16	27	18
30	29	18	28	19	28	14	28	14	28	12	28	10·5	27	10·5	27	10·5	27	7·5	27	4	26	5·5	22	4·5
31																								

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	4	19	2	16	2	18	2	13	3	10·5	3	13	3	2	3	7·5	2	6·5	3	2	31	7·5	6	3
2	4	23	5	18	5	20	3	16	6	10·5	6	7·5	6	4	6	8·5	5	9·5	5	2	5	3	5	4·5
3	30	11	24	11	29	14	1	12	1	4·5	1	4	1	2	1	4·5	6	4	6	1·5	6	4	2	5·5
4	1	13	2	11	3	13	3	20	4	26	4	18	5	23	6	29	6	28	6	29	9	27	6	26
5	2	10·5	1	6·5	31	12	31	14	31	14	30	14	30	14	31	12	30	14	31	11	31	10·5	31	12
6	32	18	31	18	32	20	32	15	32	11	32	15	32	16	32	9·5	1	8·5	1	6·5	32	4·5	9	2
7	25	7·5	30	10·5	27	9·5	24	9·5	27	10·5	27	10·5	25	11	24	18	25	19	25	23	24	24	23	25
8	31	28	31	27	30	25	30	24	32	23	32	19	32	20	30	18	30	16	31	16	32	11	30	8·5
9	18	40	18	42	18	44	19	50	19	48	19	50	20	54	21	50	21	46	22	40	22	40	22	40
10	26	33	28	35	28	30	28	32	29	32	30	30	31	31	31	30	30	31	31	30	31	33	31	25
11	28	28	28	31	28	27	28	32	30	30	29	30	30	34	28	27	28	26	27	20	25	21	25	30
12	3	20	2	26	1	28	32	28	32	35	31	36	32	30	2	26	2	24	1	30	2	27	32	27
13	31	22	31	19	30	22	31	24	31	20	30	20	31	22	31	14	31	24	1	16	1	14	1	4
14	1	6·5	1	7·5	1	10·5	4	4·5	31	10·5	3	10·5	2	7·5	1	16	3	11	4	7·5	3	6·5	3	5·5
15	1	23	32	23	32	24	32	25	32	23	32	24	32	20	32	25	32	19	32	18	32	19	32	19
16	31	26	32	30	32	32	32	28	32	30	32	26	32	26	32	24	32	24	32	25	32	25	32	30
17	30	19	30	18	30	16	31	14	31	13	31	9·5	32	10·5	1	4·5	4	6·5	5	2	5	2	5	2
18	4	4·5	3	8·5	3	6·5	3	6·5	3	2	3	1·5	3	1·5	4	1·5	4	2	4	2	4	1·5	4	1·5
19	14	11	14	16	14	17	16	16	16	17	16	15	16	14	17	14	17	13	16	13	16	13	16	17
20	12	8·5	12	10·5	12	7·5	12	8·5	12	6·5	12	6·5	12	5·5	12	5·5	12	7·5	11	6·5	11	7·5	11	8·5
21	10	8·5	10	9·5	10	8·5	10	6·5	10	8·5	10	7·5	10	3	10	5·5	10	4·5	11	5·5	12	6·5	13	2
22	11	16	11	15	11	9·5	11	9·5	11	4·5	11	10·5	10	4·5	10	6·5	10	5·5	9	3	13	4	13	4·5
23	3	8·5	3	6·5	5	9·5	6	10·5	7	8·5	9	11	8	9·5	5	12	3	9·5	5	17	7	22	4	16
24	2	10·5	2	13	2	13	4	7·5	4	6·5	4	2	4	1·5	8	2	8	1·5	8	2	8	2	4	2
25	11	5·5	21	4	25	5·5	27	4	25	4	25	7·5	29	3	30	2	30	3	30	1·5	30	2	30	2
26	5	4	2	7·5	3	12	3	11	3	13	3	10·5	3	14	2	13	3	9·5	2	14	2	12	2	11
27	2	8·5	2	9·5	2	5·5	28	9·5	28	4	2	17	2	11	32	9·5	2	11	4	14	4	9·5	4	7·5
28	3	21	2	26	4	28	3	20	4	18	3	24	2	20	4	18	4	15	5	8·5	11	4	5	7·5
29	27	24	27	26	27	26	28	24	27	24	28	21	29	22	29	20	30	17	30	20	29	17	29	18
30	27	18	28	22	27	24	29	20	29	22	31	16	30	18	30	16	30	16	30	15	30	13	29	16
31																								

RAINFALL. GAUGE (HEIGHT ABOVE GROUND 2 FEET, HEIGHT ABOVE MEAN SEA LEVEL 11 FEET)

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt
1	·	·	·	·002	·002	·002	·004	·002	·008	·	·	·	·005	·020	·008	·	·	·	·	·	·	·	·	·
2	·	·	·	·	·	·002	·002	·027	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
4	·	·	·	·	·030	·038	·010	·004	·018	·002	·043	·	·	·	·	·	·	·	·	·	·	·	·	·
5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·010
7	·	·	·	·	·	·	·006	·002	·	·	·	·	·	·	·	·	·	·	·	·008	·	·	·	·
8	·032	·002	·	·	·	·002	·033	·015	·002	·018	·017	·013	·015	·007	·002	·003	·	·	·	·	·	·	·	·
9	·	·	·	·002	·003	·002	·002	·001	·	·	·	·	·	·	·	·	·	·	·080	·095	·075	·105	·087	·083
10	·167	·138	·018	·064	·078	·040	·	·	·	·020	·015	·025	·004	·002	·	·	·002	·012	·016	·002	·016	·	·	·
11	·	·	·034	·002	·083	·035	·012	·003	·015	·008	·007	·003	·	·002	·050	·	·	·045	·010	·	·	·	·070	·055
12	·062	·028	·035	·030	·023	·002	·	·018	·010	·012	·025	·	·025	·005	·	·	·	·	·012	·050	·003	·002	·003	·012
13	·013	·005	·020	·003	·007	·038	·002	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
14	·	·	·	·	·	·	·	·	·005	·	·	·	·	·	·	·	·	·	·010	·005	·	·	·	·
15	·	·002	·002	·002	·002	·006	·	·	·	·002	·	·	·	·	·	·	·	·	·	·008	·003	·002	·002	·001
16	·001	·002	·009	·024	·003	·002	·002	·002	·002	·005	·	·	·002	·003	·007	·015	·	·005	·005	·	·	·	·010	·015
17	·005	·	·	·	·	·002	·003	·005	·	·	·	·	·	·	·	·	·	·	·	·	·	·008	·005	·
18	·002	·	·	·003	·005	·002	·	·	·007	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
19	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
20	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
21	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
22	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
23	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
24	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
25	·	·003	·	·	·015	·004	·003	·003	·003	·004	·028	·	·005	·004	·	·	·	·	·020	·002	·002	·	·	·
26	·	·	·002	·002	·004	·074	·003	·003	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
27	·	·	·	·	·	·	·018	·012	·002	·003	·007	·	·	·	·	·	·	·	·060	·035	·	·	·	·
28	·	·	·	·	·003	·	·023	·005	·001	·002	·	·	·	·	·	·	·	·	·	·	·	·	·	·
29	·	·	·	·	·	·	·	·003	·025	·025	·032	·042	·010	·033	·013	·047	·002	·011	·001	·001	·002	·002	·002	·002
30	·048	·001	·001	·003	·005	·002	·008	·003	·007	·050	·025	·042	·005	·008	·015	·010	·005	·	·	·	·	·	·	·
31																								
178	330	181	121	137	263	203	131	110	109	151	199	125	071	084	095	075	009	073	214	198	109	119	179	178
6	7	6*	6	9	13	13	13	15	12	11	9	5	7	8	5	4	2	4	8	6	6	4	6	6

*Record defective or Instrument out of action. Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	·203	·197	·201	·200	·202	·215	·222	·225	·233	·248	·250	·249	·260	·251	·254	·253	·251	·229	·231	·249	·240	·222	·233	·231
2	·239	·238	·224	·229	·232	·227	·222	·227	·229	·242	·236	·216	·224	·218	·223	·226	·226	·222	·219	·214	·215	·213	·211	·215
3	·218	·221	·216	·208	·213	·206	·216	·213	·241	·262	·289	·292	·295	·316	·293	·299	·284	·274	·285	·280	·284	·258	·271	·269
4	·264	·264	·260	·278	·301	·287	·299	·290	·308	·312	·311	·322	·302	·302	·280	·284	·259	·237	·244	·245	·233	·229	·220	·223
5	·227	·237	·237	·222	·215	·212	·205	·203	·209	·216	·234	·238	·244	·249	·252	·253	·267	·271	·263	·269	·286	·277	·293	·286
6	·277	·289	·295	·294	·289	·276	·249	·240	·240	·249	·240	·238	·245	·241	·243	·245	·235	·232	·227	·248	·240	·245	·241	·239
7	·224	·239	·235	·227	·235	·230	·235	·235	·241	·261	·273	·256	·265	·263	·248	·256	·249	·242	·250	·270	·259	·238	·239	·269
8	·274	·254	·219	·206	·214	·231	·267	·240	·235	·240	·235	·224	·229	·222	·215	·194	·189	·190	·189	·190	·185	·169	·198	·187
9	·179	·178	·183	·192	·210	·210	·211	·205	·235	·239	·242	·251	·267	·265	·296	·304	·323	·342	·358	·374	·392	·394	·396	·397
10	·400	·364	·318	·329	·321	·320	·267	·271	·262	·261	·266	·282	·279	·276	·267	·263	·260	·243	·233	·230	·209	·204	·181	·204
11	·209	·222	·225	·218	·235	·235	·224	·227	·235	·247	·244	·235	·219	·230	·229	·180	·198	·193	·194	·159	·158	·173	·198	·218
12	·200	·192	·177	·158	·149	·173	·172	·169	·175	·173	·192	·207	·202	·191	·195	·180	·177	·182	·228	·228	·213	·195	·205	·182
13	·190	·175	·202	·189	·192	·191	·182	·176	·170	·188	·195	·211	·199	·211	·203	·194	·197	·211	·211	·207	·197	·210	·207	·206
14	·194	·188	·201	·188	·201	·198	·194	·198	·197	·205	·217	·225	·224	·235	·232	·229	·214	·223	·221	·207	·208	·196	·199	·195
15	·205	·206	·204	·205	·205	·220	·221	·216	·224	·216	·227	·231	·229	·222	·241	·233	·220	·197	·230	·236	·241	·243	·233	·224
16	·231	·223	·233	·237	·231	·206	·215	·208	·214	·225	·233	·239	·237	·235	·235	·238	·233	·219	·244	·231	·231	·228	·230	·224
17	·237	·236	·231	·213	·217	·220	·244	·221	·235	·249	·245	·249	·267	·275	·284	·291	·288	·290	·297	·302	·303	·299	·291	·293
18	·273	·253	·242	·243	·231	·240	·232	·231	·228	·234	·236	·239	·240	·238	·239	·237	·240	·223	·229	·224	·212	·212	·206	·208
19	·201	·201	·206	·215	·218	·228	·229	·222	·237	·266	·283	·293	·297	·302	·284	·279	·269	·257	·264	·260	·259	·261	·263	·292
20	·287	·279	·280	·281	·280	·276	·271	·259	·260	·259	·267	·267	·269	·267	·266	·262	·254	·246	·253	·251	·245	·242	·240	·230
21	·230	·221	·220	·224	·221	·231	·230	·237	·232	·239	·241	·240	·243	·239	·244	·240	·231	·233	·237	·231	·238	·233	·229	·226
22	·230	·221	·228	·224	·226	·228	·216	·219	·223	·231	·228	·227	·227	·225	·234	·225	·222	·221	·209	·215	·215	·210	·208	·211
23	·204	·201	·207	·210	·204	·199	·212	·210	·228	·225	·248	·252	·255	·267	·258	·252	·257	·244	·243	·245	·245	·258	·253	·248
24	·233	·228	·218	·216	·220	·220	·223	·219	·226	·223	·232	·228	·231	·223	·220	·225	·209	·215	·214	·230	·230	·213	·209	·200
25	...	...	...	*	*	...	...	...	·211	·237	·255	·234	·246	·239	·214	·225	·211	·194	·210	·219	·203	·202	·198	·191
26	·190	·190	·187	·205	·214	·219	·223	·237	·228	·243	·250	·257	·255	·249	·248	·229	·224	·211	·210	·201	·196	·194	·192	·185
27	·189	·189	·185	·188	·194	·197	·207	·200	·196	·201	·193	·191	·195	·186	·181	·195	·188	·189	·190	·195	·188	·183	·181	·174
28	·173	·181	·179	·183	·186	·202	·208	·202	*	†·188	·192	·207	·202	·202	·200	·195	·190	·184	·184	·181	·169	·166	·163	·162
29	·173	·164	·175	·177	·189	·183	·179	·187	·239	·244	·255	·250	·255	·264	·277	·294	·295	·286	·270	·282	·287	·281	·291	·298
30	·309	·293	·295	·305	·307	·292	·307	·302	·309	·315	·323	·334	·349	·328	·316	·308	·270	·263	·252	·261	·266	·262	·274	·268
31																								

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG 6°39′ W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 2.07 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·867	29·871	29·872	29·881	29·898	29·906	29·921	29·940	29·962	29·978	29·978	29·983	29·983	29·992	29·994	30·007	30·019	30·031	30·046	30·051	30·052	30·057	30·065	30·068	1
2	30·063	30·056	30·056	30·065	30·080	30·092	30·114	30·139	30·156	30·178	30·176	30·174	30·169	30·166	30·173	·175	·187	·192	30·193	30·188	30·186	30·180	30·171	30·166	2
3	30·155	30·146	30·133	30·120	30·114	30·106	30·108	30·107	30·105	30·098	30·085	30·083	30·083	30·081	30·051	30·030	30·026	30·005	29·994	29·969	29·963	29·949	29·931	29·902	3
4	29·869	29·834	29·801	29·780	29·756	29·742	29·725	29·715	29·704	29·687	29·697	29·688	29·690	29·703	29·712	29·722	29·739	29·757	·770	·788	·803	·803	·816	·824	4
5	·834	·841	·851	·862	·867	·868	·870	·875	·873	·871	·849	·836	·831	·813	·803	·792	·788	·781	·766	·762	·754	·746	·718	·711	5
6	·697	·675	·668	·651	·653	·639	·633	·624	·611	·615	·601	·584	·576	·575	·584	·584	·601	·608	·619	·627	·632	·650	·658	·666	6
7	·666	·670	·671	·671	·673	·671	·676	·681	·684	·680	·668	·659	·643	·617	·591	·570	·548	·519	·490	·448	·418	·382	·334	·299	7
8	·258	·215	·194	·168	·185	·201	·216	·285	·342	·415	·466	·507	·550	·588	·622	·673	·717	·750	·770	·804	·822	·841	·863	·891	8
9	·895	·937	·945	·958	·969	·963	·940	29·966	29·961	29·934	29·908	29·882	29·845	29·803	29·743	29·679	·599	·516	·423	·338	·250	·195	·199	·201	9
10	·174	·160	·131	·103	·080	·048	·025	28·999	28·987	28·975	28·986	28·963	28·954	28·961	28·959	28·981	·012	·053	·094	·149	·187	·218	·250	·276	10
11	·303	·326	·340	·348	·367	·370	·372	29·371	29·365	29·348	29·318	29·281	29·278	29·295	29·293	29·293	·282	·285	·294	·292	·289	·282	·275	·256	11
12	·230	·237	·238	·226	·228	·242	·251	·276	·297	·315	·337	·328	·320	·312	·315	·340	·370	·379	·400	·422	·424	·431	·446	·445	12
13	·445	·450	·450	·448	·457	·449	·458	·476	·491	·490	·492	·497	·502	·497	·505	·518	·537	·549	·560	·569	·582	·581	·593	·596	13
14	·593	·593	·602	·612	·613	·619	·627	·636	·647	·649	·643	·627	·613	·604	·600	·593	·606	·612	·615	·613	·619	·615	·609	·607	14
15	·600	·593	·587	·585	·579	·582	·584	·586	·583	·576	·563	·543	·536	·513	·497	·502	·498	·489	·479	·473	·467	·451	·434	·423	15
16	·396	·380	·372	·367	·348	·333	·319	·316	·311	·305	·307	·307	·323	·334	·351	·368	·387	·399	·420	·439	·460	·469	·483	·491	16
17	·494	·496	·601	·517	·543	·562	·578	·600	29·621	29·643	29·657	29·658	29·666	29·676	29·697	29·717	29·740	29·769	29·787	29·800	29·819	29·838	29·856	29·876	17
18	29·889	29·901	29·913	29·930	29·951	29·962	29·980	29·996	30·003	30·042	30·042	30·051	30·052	30·059	30·068	30·071	30·098	30·099	30·111	30·117	30·120	30·141	30·134	30·147	18
19	30·152	30·151	30·158	30·149	30·163	30·158	30·169	30·169	·174	·170	·185	·185	·179	·174	·178	·183	·194	·196	·194	·196	·200	·202	·202	·203	19
20	·201	·201	·198	·189	·184	·176	·173	·182	·189	·184	30·186	30·183	30·184	30·147	30·143	30·142	30·134	30·131	30·134	30·132	30·127	30·114	30·105	30·092	20
21	30·078	30·056	30·048	30·030	30·027	30·014	30·014	30·011	30·004	30·000	29·994	29·978	29·963	29·946	29·934	29·929	29·922	29·915	29·911	29·900	29·900	29·889	29·884	29·877	21
22	29·862	29·843	29·829	29·818	29·816	29·795	29·795	29·794	29·789	29·793	·798	·784	·769	·763	·751	·746	·754	·754	·759	·760	·758	·760	·761	·762	22
23	·762	·762	·761	·757	·759	·754	·753	·754	·752	·759	·761	·754	·746	·716	·702	·702	·700	·694	·687	·676	·670	·669	·642	·623	23
24	·600	·574	·551	·516	·490	·467	·453	·432	·412	·390	·373	·336	·314	·286	·263	·252	·246	·224	·224	·212	·203	·196	·182	·178	24
25	·164	·160	·160	·143	·145	·150	·148	·153	·165	·173	·181	·178	·177	·166	·168	·173	·175	·183	·195	·212	·218	·218	·224	·230	25
26	·234	·236	·242	·239	·247	·257	·275	·287	·304	·319	·339	·336	·335	·326	·331	·336	·342	·368	·370	·378	·386	·392	·394	·408	26
27	·412	·420	·422	·407	·419	·420	·422	·426	·433	·439	·440	·425	·410	·400	·402	·406	·412	·431	·446	·459	·473	·492	·601	·518	27
28	·532	·554	·580	·601	·626	·662	·690	·722	·749	·775	·798	·803	·799	·803	·812	·826	·848	·862	·886	·890	·898	·899	·894	·880	28
29	·868	·857	·845	·828	·813	·788	·760	·724	·718	·699	·681	·666	·665	·649	·645	·654	·670	·679	·691	·699	·712	·731	·743	·755	29
30	29·757	29·761	29·773	29·766	29·766	29·767	29·772	29·772	29·774	29·767	29·763	29·740	29·721	29·700	29·689	29·688	29·686	29·690	29·694	29·694	29·687	29·692	29·692	29·690	30
31																									31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	33·9	34·3	34·0	33·2	33·9	33·0	32·9	32·9	33·5	36·4	40·7	43·9	44·5	44·3	44·6	43·9	41·8	38·8	38·2	37·7	36·6	35·3	36·0	36·6	1
2	38·1	39·0	37·6	38·1	37·1	34·6	34·0	34·7	35·9	38·1	42·3	44·1	45·0	45·3	45·0	43·7	41·8	41·1	41·3	40·1	39·0	39·4	40·3	40·9	2
3	41·3	41·5	41·6	41·1	42·2	41·7	41·9	41·9	43·0	44·8	46·7	47·0	47·0	44·9	44·7	44·2	43·8	42·2	42·5	42·7	42·6	42·4	42·4	43·1	3
4	41·5	41·2	40·6	40·9	41·0	41·8	42·3	42·3	41·2	43·1	45·4	46·3	46·6	45·9	45·6	45·1	44·1	40·7	38·7	37·7	36·0	35·4	35·1	35·1	4
5	34·4	34·9	33·8	33·9	32·4	32·2	32·9	33·3	35·1	37·4	40·1	42·8	44·2	45·1	44·9	44·3	44·0	43·9	44·6	43·5	44·1	43·0	42·8	42·4	5
6	43·0	42·5	41·9	42·0	42·1	42·0	41·3	40·9	41·0	42·6	44·0	45·6	46·5	46·9	47·0	45·2	42·1	39·5	39·2	40·7	37·9	38·1	38·1	37·0	6
7	34·8	34·0	33·7	34·1	34·5	34·2	34·7	35·1	35·7	38·0	42·4	43·7	45·0	45·0	43·9	43·7	42·6	41·7	41·9	41·1	40·5	40·5	40·2	40·5	7
8	39·6	39·0	37·7	37·0	36·9	36·7	35·6	36·6	37·7	37·1	39·1	41·0	38·0	38·9	36·1	36·0	35·9	34·0	33·2	33·1	33·0	32·8	32·2	32·4	8
9	32·8	33·0	34·1	34·1	33·9	33·1	33·1	33·2	33·7	35·0	36·2	37·3	38·0	38·8	37·9	36·6	38·0	40·0	41·0	42·9	44·3	46·6	47·0	45·1	9
10	44·8	43·8	42·8	42·2	42·8	42·1	42·0	41·5	42·0	43·8	45·0	44·9	46·2	45·9	45·9	44·7	43·3	43·3	43·4	42·2	41·0	40·0	39·6	38·9	10
11	38·3	37·3	35·7	36·7	35·0	33·8	34·9	35·1	36·7	37·5	36·0	36·9	38·0	33·1	33·9	34·0	33·9	33·1	32·7	32·0	32·3	32·3	31·9	31·4	11
12	30·0	29·3	28·6	27·1	26·7	26·5	26·3	26·7	26·9	28·9	29·9	32·1	34·9	36·3	38·8	39·1	38·7	38·3	38·0	37·5	38·0	37·0	36·7	35·4	12
13	35·0	35·0	34·8	34·0	34·3	35·6	36·6	36·8	38·1	39·2	39·0	38·0	39·9	40·3	40·6	40·4	40·1	39·9	39·3	39·0	38·9	39·0	38·8	38·3	13
14	36·5	35·6	34·1	34·3	32·9	32·9	34·2	33·1	35·0	36·0	38·9	41·4	42·0	41·7	41·9	40·5	39·6	36·6	35·7	35·0	35·3	35·9	35·0	34·7	14
15	33·5	33·8	35·4	35·8	35·1	36·4	36·9	37·1	38·0	40·6	42·2	44·2	44·0	43·1	42·9	41·4	39·9	40·0	40·7	40·6	40·0	40·0	40·0	39·6	15
16	39·2	39·4	40·0	40·3	40·0	40·3	41·0	42·0	42·9	42·8	43·4	44·5	45·8	46·4	45·8	42·2	42·9	42·1	40·0	40·1	40·7	40·0	38·0	37·5	16
17	40·9	42·3	42·9	42·2	42·2	42·0	42·0	42·0	42·0	42·3	43·1	44·6	45·8	45·5	45·7	44·8	42·3	41·0	40·2	39·9	40·0	38·3	37·0	35·9	17
18	34·9	33·9	34·1	32·9	32·7	32·4	32·6	31·7	32·9	33·8	36·6	39·4	40·4	40·9	40·9	40·0	38·4	37·3	36·3	35·1	34·6	33·3	33·4	32·1	18
19	31·7	31·9	32·2	34·7	31·9	35·0	33·2	36·4	38·7	39·5	41·2	41·6	44·7	44·0	43·2	41·7	41·0	40·2	40·4	41·0	40·0	39·1	38·9	37·2	19
20	36·6	37·1	36·6	37·3	37·9	37·8	37·1	37·3	37·7	38·6	41·0	41·9	43·6	43·1	42·2	41·1	40·1	39·8	37·9	38·4	38·2	38·3	37·9	36·1	20
21	35·9	34·6	34·7	34·6	33·3	33·6	32·7	32·9	33·0	34·9	35·9	38·0	38·1	38·1	38·3	38·0	37·2	36·8	35·0	33·8	32·7	32·3	33·6	34·0	21
22	34·0	34·0	33·6	32·3	32·0	32·2	32·4	33·0	33·9	35·3	36·5	37·1	38·3	39·0	39·3	38·9	38·0	37·7	37·5	37·7	37·5	37·3	37·3	37·9	22
23	37·9	37·6	37·1	35·5	35·1	35·0	35·0	35·5	36·8	37·3	38·8	39·4	40·0	40·1	40·0	39·1	38·5	38·0	36·2	36·7	34·8	33·2	33·9	33·9	23
24	35·7	36·7	36·0	36·0	36·0	36·0	36·9	36·8	37·0	37·4	38·1	38·5	39·0	39·1	39·0	39·1	39·0	39·0	38·9	38·8	38·9	38·7	38·5	38·4	24
25	37·9	36·5	35·0	32·9	32·1	31·2	30·2	30·2	30·6	32·5	34·1	35·0	36·6	37·3	37·1	35·6	34·7	33·6	33·5	33·2	32·9	31·2	29·9	30·8	25
26	30·4	30·1	30·2	29·3	28·6	28·0	27·9	27·1	27·0	27·0	26·8	26·9	28·1	28·6	29·4	29·9	30·2	30·7	31·5	31·8	32·3	32·6	33·0	33·1	26
27	32·9	32·2	31·9	30·9	29·4	28·4	27·9	27·6	27·3	29·0	31·0	32·2	33·1	34·0	33·5	32·9	31·5	30·4	30·0	30·8	32·2	33·3	33·7	34·0	27
28	34·7	35·4	35·5	35·4	35·3	33·2	32·0	32·9	31·9	32·8	34·6	36·1	36·8	36·7	36·5	35·3	33·3	32·1	31·3	30·2	29·2	29·3	29·6	29·1	28
29	29·9	30·1	31·2	32·3	32·9	33·7	34·0	34·4	35·3	36·0	36·9	37·9	38·9	40·2	41·8	39·9	39·0	37·9	37·4	37·4	39·0	38·1	38·0	38·0	29
30	38·1	38·0	37·0	36·7	37·8	38·2	38·2	37·6	37·8	38·7	40·3	41·2	41·3	41·6	41·9	41·9	41·7	41·3	41·3	41·8	41·6	41·0	39·1	39·0	30
31																									31

* Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT 54°21'N. LONG: 6°39' W. HOURLY VALUES November 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	18	4	18	4	18	4	18	4	18	3	18	4	18	2	18	2	18	3	18	3	2	3	1	7.5
2	29	6.5	32	7.5	28	7.5	28	6.5	30	4.5	29	4	1	3	1	4	1	3	31	4	1	6.5	1	7.5
3	22	4.5	20	4.5	21	4	21	4	23	4.5	23	4	23	3	23	3	23	3	24	3	27	4.5	30	5.5
4	24	4.5	24	5.5	23	5.5	21	5.5	21	4	21	4.5	21	4.5	22	3	22	2	28	4	1	9.5	1	10.5
5	1	3	1	3	1	3	1	3	1	3	1	4	1	4.5	1	4	1	5.5	20	3	20	4	24	4.5
6	29	10.5	29	11	28	8.5	28	7.5	27	7.5	28	8.5	29	10.5	29	8.5	29	9.5	29	6.5	30	9.5	30	11
7	19	4	19	4	19	4	19	4	19	4	20	3	19	3	23	4	19	4.5	19	4	19	5.5	25	5.5
8	20	11	20	8.5	21	10.5	21	6.5	21	4	24	4	24	5.5	31	10.5	31	11	32	11	31	9.5	30	13
9	26	9.5	20	5.5	23	6.5	24	4.5	22	4.5	20	6.5	18	7.5	18	7.5	18	8.5	18	7.5	18	9.5	17	10.5
10	21	12	20	11	19	11	19	11	19	11	19	13	18	13	19	13	19	13	20	11	21	9.5	21	9.5
11	28	10.5	27	13	28	10.5	27	9.5	24	8.5	25	7.5	23	8.5	24	10.5	23	7.5	20	10.5	20	12	22	8.5
12	21	3	21	2	23	3	19	4.5	19	4.5	19	4.5	19	4	19	5.5	19	4	22	2	22	3	22	3
13	28	10.5	29	4.5	28	9.5	30	9.5	29	10.5	30	12	27	10.5	28	9.5	28	9.5	30	13	29	16	30	11
14	29	4	29	2	29	3	29	3	23	3	23	4	23	2	20	3	21	4	21	4	25	4	28	5.5
15	31	4.5	31	4.5	31	7.5	32	5.5	32	6.5	32	7.5	32	10.5	32	8.5	32	11	32	10.5	32	15	31	15
16	30	15	30	15	29	14	30	15	30	15	30	17	30	17	30	18	30	19	30	17	31	18	32	12
17	28	5.5	30	10.5	29	14	30	12	30	12	29	12	29	9.5	30	9.5	30	9.5	31	5.5	30	7.5	31	9.5
18	19	4.5	20	4	20	3	20	4.5	17	4	17	4.5	17	4	17	4	17	3	17	4.5	17	4.5	17	3
19	24	3	23	3	18	4.5	18	4	18	3	18	5.5	18	4.5	17	7.5	17	10.5	17	10.5	17	10.5	17	7.5
20	19	7.5	18	5.5	18	8.5	18	7.5	18	6.5	18	6.5	18	9.5	17	8.5	17	6.5	17	7.5	17	7.5	18	7.5
21	18	5.5	18	4.5	18	4	18	4	18	4	18	4	18	4	18	3	19	4.5	19	4	19	5.5	20	7.5
22	21	5.5	21	5.5	21	6.5	19	9.5	19	7.5	19	7.5	19	9.5	18	10.5	18	10.5	18	11	18	12	18	11
23	18	6.5	18	6.5	19	7.5	19	5.5	19	6.5	19	6.5	19	6.5	19	4.5	18	4.5	18	4	18	3	18	4
24	9	4.5	6	4	5	4.5	5	3	5	3	5	4	5	4	5	3	5	3	5	3	5	2	5	4.5
25	22	4	22	3	21	4.5	21	5.5	19	4.5	19	6.5	19	6.5	19	7.5	19	7.5	19	6.5	19	7.5	20	6.5
26	20	4	18	3	18	4	18	3	18	3	18	3	18	2	18	3	5	3	5	3	6	2	6	3
27	31	4	31	3	29	2	29	3	21	3	21	4	21	4	21	3	19	4	19	4	19	4	19	3
28	3	12	3	14	3	11	3	14	3	9.5	3	6.5	3	5.5	2	6.5	3	5.5	2	6.5	1	7.5	2	9.5
29	18	8.5	19	9.5	19	8.5	18	9.5	19	9.5	19	12	18	16	18	17	19	14	19	13	20	12	20	9.5
30	30	2	24	3	17	4	18	5.5	18	4	19	5.5	19	4.5	18	5.5	18	6.5	18	5.5	19	6.5	19	9.5
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	32	6.5	2	5.5	32	4.5	32	5.5	31	4.5	31	5.5	29	5.5	30	4	25	3	23	4	23	2	26	5.5
2	32	8.5	2	6.5	32	5.5	32	4.5	30	4	30	3	30	3	21	3	22	3	22	3	21	5.5	21	4.5
3	1	6.5	1	5.5	32	4	32	3	29	5.5	29	4.5	28	4	28	4.5	27	5.5	27	5.5	26	6.5	25	4.5
4	1	9.5	1	10.5	2	10.5	1	8.5	32	6.5	32	5.5	32	4.5	32	3	32	4	32	3	27	3	29	4
5	29	9.5	9	8.5	30	7.5	29	6.5	28	8.5	28	8.5	28	6.5	28	7.5	28	4.5	29	8.5	28	8.5	29	10.5
6	29	12	0	10.5	31	10.5	32	7.5	2	4.5	1	4	31	5.5	29	5.5	29	4	25	4	31	3	31	3
7	26	8.5	3	6.5	23	6.5	21	8.5	20	10.5	20	10.5	20	8.5	20	10.5	20	12	20	13	20	11	21	13
8	31	10.5	0	8.5	29	10.5	29	7.5	29	8.5	32	6.5	30	4.5	27	8.5	27	9.5	24	7.5	27	8.5	24	7.5
9	17	14	7	14	17	21	17	21	16	25	16	24	17	27	17	25	18	30	19	27	22	14	23	9.5
10	21	9.5	3	9.5	24	7.5	27	8.5	29	10.5	30	13	29	14	30	17	29	19	28	19	29	16	28	10.5
11	24	8.5	2	4.5	32	3	24	7.5	24	9.5	24	7.5	23	7.5	24	6.5	27	6.5	23	7.5	25	10.5	20	4
12	26	7.5	26	8.5	29	12	31	13	31	13	31	16	30	15	30	17	31	17	29	17	28	10.5	27	12
13	31	12	1	15	30	13	31	7.5	30	9.5	30	10.5	29	6.5	29	6.5	30	6.5	28	7.5	29	4.5	29	3
14	31	8.5	1	8.5	30	7.5	30	6.5	30	6.5	30	4	30	3	30	4.5	30	4	32	4	32	4	31	4
15	31	17	2	16	30	13	30	15	30	16	30	12	30	13	30	12	31	9.5	30	11	29	14	30	11
16	1	14	2	12	31	10.5	30	11	32	8.5	32	9.5	32	7.5	32	7.5	31	7.5	31	7.5	30	6.5	30	8.5
17	30	10.5	0	10.5	30	9.5	31	6.5	30	8.5	30	4	30	3	30	4	30	4	30	3	24	3	24	3
18	17	3	7	3	17	2	17	3	17	4	18	3	18	4	18	3	18	4	18	4	18	3	18	3
19	18	9.5	8	11	18	8.5	17	13	17	13	17	14	17	13	18	10.5	19	9.5	19	7.5	19	5.5	21	6.5
20	20	6.5	9	6.5	19	6.5	19	5.5	19	6.5	18	6.5	18	5.5	18	6.5	18	6.5	18	6.5	18	5.5	18	5.5
21	20	9.5	0	7.5	20	5.5	19	5.5	19	4.5	19	4.5	19	6.5	19	5.5	19	5.5	19	5.5	20	6.5	21	6.5
22	18	12	8	10.5	19	7.5	18	8.5	18	9.5	18	8.5	18	9.5	18	8.5	18	8.5	18	8.5	18	9.5	18	6.5
23	18	4.5	8	4.5	18	3	18	3	18	4	18	4	18	4	18	3	18	3	18	3	18	2	18	3
24	3	4	3	4.5	3	4.5	3	3	3	2	3	2	3	2	3	2	3	3	3	2	3	2	3	4
25	20	6.5	0	6.5	20	5.5	19	5.5	19	5.5	19	6.5	19	7.5	18	9.5	18	7.5	18	4.5	20	4	20	4.5
26	6	2	1	4	21	4	20	4.5	20	5.5	20	5.5	21	4.5	21	4	21	2	21	2	27	4	31	4
27	24	3	4	3	24	3	32	3	32	3	32	3	32	3	32	4	2	9.5	2	6.5	1	7.5	2	9.5
28	2	9.5	2	8.5	2	7.5	2	4.5	1	4.5	1	3	1	4	31	4	20	4.5	18	4.5	18	6.5	18	6.5
29	20	7.5	5	6.5	27	6.5	28	5.5	27	7.5	27	7.5	27	6.5	27	4.5	28	4.5	28	4	30	4	30	2
30	19	10.5	9	10.5	19	8.5	19	9.5	18	10.5	20	9.5	20	9.5	24	6.5	25	5.5	23	5.5	25	7.5	25	7.5
31																								

4 days RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1										.010														
2										Dew .010														
3																								
4																								
5																								
6																								
7														.010						.010				.040
8	.040	.010						.010							.010	.010								
9											.010			.010	.010	.010	.040	.050	.040	.090	.040	.020	.010	
10																								.010
11											.035	.005	.010	.020	.025	.005								
12	Melted Snow at 10am									.053														
13										.005	.030	.050	.050	.040		.020			.010		.010	.110		
14																								
15														.010	.010	.010			.010	.010				.010
16	.010				.010	.010	.010				.020													
17				.020	.010	.020		.020	.070	.010														
18																								
19																				.010				
20										~~.010~~														
21																								
22																								
23																								
24										.010	.010	.030												
25										~~.010~~														
26																								
27	Melted Snow and Ice at 10am									.063														
28	Melted Ice at 10am									.015														
29									.080		.010	.030									.010			
30																								
31																								
.060	.050	.010	...	.020	.020	.030	.010	.030	.150	.035	.080	.110	.050	.070	.030	.050	.040	.050	.060	.120	.060	.130	.010	.060
3	2	1		2	2	1	2	2	4	5	3	1	4	3	4	1	1	3	4	3	2	1	3	

*Record defective or Instrument out of action.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	85	.192	.184	.184	.187	.186	.164	.168	.180	.202	.237	.245	.239	.241	.237	.219	.222	.205	.210	.210	.203	.193	.206	.203
2	09	.210	.211	.215	.205	.189	.180	.188	.190	.194	.204	.202	.202	.212	.199	.206	.225	.234	.241	.229	.228	.231	.239	.238
3	47	.249	.250	.254	.263	.251	.257	.253	.275	.280	.284	.275	.273	.272	.275	.278	.265	.258	.259	.259	.258	.260	.256	.267
4	53	.255	.240	.240	.255	.256	.265	.263	.255	.274	.269	.253	.254	.256	.226	.232	.223	.216	.200	.198	.195	.194	.185	.185
5	85	.183	.178	.175	.171	...	*	...	.183	.208	.227	.236	.242	.230	.250	.251	.248	.260	.237	.231	.227	.206	.213	.205
6	13	.204	.210	.220	.219	.220	.211	.202	.204	.219	.232	.228	.239	.242	.235	.233	.238	.219	.216	.222	.209	.209	.207	.200
7	86	.178	.180	.179	.182	.184	.184	.187	.194	.208	.239	.245	.245	.239	.241	.237	.236	.238	.232	.243	.233	.231	.228	.235
8	231	.226	.212	.206	.205	.204	.197	.201	.198	.203	.202	.201	.204	.208	.194	.193	.194	.182	.176	.168	.165	.168	.160	.160
9	53	.165	.171	.173	.169	.166	.154	.153	.159	.170	.184	.181	.187	.183	.191	.199	.208	.224	.239	.256	.279	.303	.301	.296
10	78	.267	.255	.258	.259	.259	.256	.251	.252	.263	.273	.269	.270	.268	.268	.257	.250	.233	.241	.223	.215	.205	.197	.195
11	87	.181	.178	.187	.182	.174	.163	.161	.185	.193	.201	.203	.212	.185	.179	.178	.173	.170	.170	*	*	.173	.163	.165
12	54	.146	.137	.135	.125	.128	.130	.120	.123	.132	.147	.164	*	.195	.211	.202	.200	.191	.190	.193	.173	.175	.166	.160
13	66	.178	.158	.172	.161	.174	.181	.184	.196	.207	.216	.216	.227	.233	.230	.240	.236	.225	.221	.218	.219	.222	.222	.225
14	206	.199	.189	.190	.174	.174	.192	.183	.200	.206	.223	.246	.239	.230	.236	.225	.219	.203	.196	.186	.189	.192	.190	.184
15	80	.176	.180	.179	.183	.184	.183	.190	.190	.194	.216	.220	.226	.227	.220	.231	.212	.222	.218	.225	.226	.213	.211	.209
16	16	.214	.207	.221	.222	.225	.229	.227	.237	.253	.253	.259	.250	.244	.244	.229	.237	.240	.228	.227	.218	.213	.206	.207
17	32	.253	.250	.254	.256	.252	.249	.249	.263	.261	.267	.260	.252	.255	.247	.241	.240	.237	.239	.229	.237	.223	.212	.200
18	87	.183	.191	.172	.172	.174	.173	.162	.172	.178	.203	.222	.236	.234	.236	.230	.222	.214	.206	.193	.187	.178	.183	.171
19	62	.171	.174	.182	.159	.184	.184	.207	.221	.221	.233	.233	.255	.246	.247	.230	.231	.228	.232	.235	.228	.223	.221	.216
20	05	.203	.205	.203	.209	.210	.201	.207	.208	.213	.219	.224	.234	.237	.239	.238	.225	.219	.209	.214	.210	.211	.207	.207
21	96	.189	.190	.187	.182	.183	.174	.179	.175	.187	.198	.208	.203	.203	.211	.208	.210	.200	.188	.176	.170	.163	.175	.176
22	76	.176	.173	.168	.160	.158	.162	.165	.169	.178	.183	.183	.191	.197	.200	.198	.194	.191	.193	.193	.195	.195	.197	.193
23	01	.196	.197	.184	.183	.170	.170	.180	.177	.192	.203	.214	.224	.225	.224	.217	.208	.206	.195	.202	.186	.178	.179	.183
24	00	.210	.208	.210	.208	.210	.209	.208	.218	.215	.223	.225	.230	.233	.228	.233	.232	.228	.229	.226	.225	.225	.225	.224
25	15	.206	.196	.177	.179	.168	.156	*	.156	.170	*	.188	.196	.203	.201	.197	.186	.179	.174	.167	.167	.166	*	*
26	62	.165	.164	.154	.142	.147	.131	.142	.140	.137	.123	.130	.148	.139	.152	.150	.160	.154	.166	.165	.175	*	*	.185
27	75	.177	.164	.155	*	.144	.134	.132	.140	.139	.153	.169	*	*	.180	.173	...	*	...	.152	.169	*	*	.180
28	88	.186	.184	.182	.181	.171	.157	.164	.153	.153	.163	.171	.170	.175	.172	.168	.164	.159	.149	.140	*	.131	.129	.132
29	37	.139	.144	.152	*	*	.176	.187	.199	.208	.213	.221	.233	.245	.254	.235	.230	.213	.213	.213	.230	.225	.220	.224
30	27	.222	.218	.208	.216	.226	.226	.215	.216	.221	.239	.244	.249	.250	.257	.257	.251	.257	.255	.256	.257	.250	.229	.230
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.837	29.843	29.843	29.859	29.867	29.881	29.889	29.912	29.925	29.943	29.941	29.944	29.943	29.937	29.942	29.947	29.957	29.961	29.967	29.973	29.977	29.987	29.995	29.995	1
2	30.004	30.007	30.013	30.022	30.030	30.043	30.071	30.087	30.105	30.113	30.121	30.112	30.111	30.109	30.105	30.106	30.121	30.121	30.115	30.111	30.110	30.101	30.105	30.093	2
3	30.097	30.095	30.067	30.069	30.067	30.065	30.069	30.062	30.053	30.049	30.051	30.047	30.027	30.003	29.969	29.963	29.947	29.932	29.912	29.905	29.889	29.869	29.839	29.817	3
4	29.784	29.751	29.729	29.711	29.699	29.682	29.672	29.681	29.671	29.680	29.678	29.681	29.683	29.691	.692	.718	.737	.759	.775	.785	.780	.791	.791	.799	4
5	.807	.807	.821	.819	.818	.809	.813	.819	.801	.800	.772	.738	.728	.702	.688	.674	.662	.660	.656	.654	.650	.624	.615	.595	5
6	.568	.556	.535	.522	.501	.468	.446	.467	.476	.476	.480	.490	.494	.498	.523	.532	.552	.556	.568	.575	.587	.600	.602	.604	6
7	.602	.607	.604	.610	.605	.602	.608	.608	.606	.602	.595	.577	.563	.531	.501	.480	.453	.424	.401	.375	.348	.333	.303	.289	7
8	.257	.240	.232	.229	.227	.239	.255	.291	.335	.376	.426	.461	.494	.524	.546	.577	.592	.604	.612	.638	.652	.698	.736	.778	8
9	.810	.846	.850	29.862	29.879	29.886	29.876	29.888	29.880	29.870	29.850	29.824	29.800	29.758	29.724	29.686	29.636	29.558	29.472	29.389	29.288	29.166	.066	.006	9
10	.032	.022	.010	28.981	28.960	28.948	28.916	28.902	28.898	28.884	28.879	28.853	28.838	28.833	28.829	28.830	28.833	28.867	28.896	28.919	28.957	28.982	.013	.043	10
11	.070	.097	.109	29.123	29.144	29.147	29.156	29.173	29.189	29.195	29.187	29.165	29.154	29.153	29.129	29.118	29.091	29.093	29.081	29.100	29.113	29.121	.103	.097	11
12	.092	.097	.097	.097	.101	.125	.139	.152	.144	.159	.141	.133	.143	.147	.161	.193	.221	.253	.262	.261	.269	.293	.275	.285	12
13	.273	.281	.279	.281	.293	.315	.335	.353	.387	.411	.415	.432	*	.438	.448	.468	.490	.510	.516	.546	.548	.560	.566	.568	13
14	.566	.564	.566	.562	.568	.570	.572	.592	.598	.600	.587	.581	.578	.577	.579	.580	.586	.593	.581	.577	.563	.565	.563	.561	14
15	.539	.523	.513	.495	.517	.520	.517	.513	.499	.495	.475	.451	.425	.421	.403	.391	.387	.375	.357	.341	.330	.305	.293	.273	15
16	.249	.221	.213	.193	.179	.173	.179	.195	.223	.249	.259	.266	.271	.269	.289	.309	.329	.355	.361	.367	.385	.387	.395	.413	16
17	.413	.415	.424	.444	.455	.479	.501	.519	29.549	29.583	29.591	29.603	29.618	29.633	29.654	29.679	29.718	29.733	29.758	29.777	29.791	29.811	29.831	29.847	17
18	29.865	29.876	29.885	29.905	29.932	29.951	29.969	29.977	30.003	30.020	30.028	30.044	30.042	30.054	30.069	30.072	30.091	30.101	30.106	30.112	30.114	30.124	30.136	30.140	18
19	30.147	30.145	30.148	30.144	30.150	30.160	30.156	30.163	.165	.166	.170	.170	.162	.157	.158	.156	.162	.161	.166	.160	.161	.160	.162	.164	19
20	.156	.154	.147	.140	30.136	30.131	30.128	30.130	30.140	30.141	30.144	30.133	30.131	30.114	30.112	30.110	30.106	30.104	30.106	30.100	30.092	30.084	30.077	30.066	20
21	30.052	30.038	30.024	30.006	29.998	29.994	29.992	29.985	29.972	29.966	29.961	29.939	29.921	29.902	29.893	29.881	29.879	29.869	29.861	29.851	29.845	29.835	29.827	29.819	21
22	29.801	29.784	29.765	29.757	.753	.751	.739	.749	.737	.735	.741	.729	.719	.705	.703	.696	.699	.695	.708	.709	.713	.731	.744	.761	22
23	.758	.761	.764	.759	.763	.771	.769	.770	.774	.786	.780	.774	.755	.751	.735	.729	.727	.727	.729	.721	.711	.693	.689	.677	23
24	.645	.617	.600	.569	.545	.509	.487	.479	.453	.417	.413	.377	.343	.311	.303	.285	.267	.254	.239	.227	.219	.209	.195	.173	24
25	.161	.151	.139	.129	.119	.119	.125	.127	.129	.137	.141	.139	.132	.133	.135	.147	.155	.165	.179	.199	.207	.219	.226	.240	25
26	.242	.251	.259	.265	.264	.274	.290	.305	.315	.335	.335	.338	.344	.345	.344	.345	.346	.364	.359	.376	.386	.398	.387	.386	26
27	.388	.388	.384	.381	.387	.383	.390	.400	.406	.419	.419	.415	.410	.405	.411	.413	.427	.451	.481	.505	.521	.539	.559	.579	27
28	.596	.616	.629	.637	.668	.693	.717	.743	.767	.781	.789	.785	.789	.795	.799	.811	.814	.829	.843	.849	.846	.842	.835	.820	28
29	.792	.790	.771	.749	.731	.707	.685	.667	.661	.648	.651	.643	.636	.631	.639	.653	.671	.693	.707	.723	.734	.744	.751	.751	29
30	29.751	29.751	29.747	29.751	29.745	29.745	29.743	29.741	29.741	29.739	29.729	29.713	29.693	29.671	29.659	29.649	29.642	29.631	29.617	29.597	29.583	29.577	29.579	29.569	30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	32.2	32.9	32.9	34.3	36.1	34.7	38.0	37.0	40.9	42.8	44.5	45.1	45.8	45.4	44.3	43.2	40.5	40.0	37.2	37.8	39.2	39.8	38.9	44.3	1
2	39.6	38.0	38.7	38.2	38.7	39.5	37.9	40.0	39.7	41.9	44.0	45.5	46.0	46.3	45.4	44.2	43.1	42.4	41.3	41.2	40.3	40.1	41.3	41.7	2
3	41.7	41.8	38.9	38.7	37.2	36.7	37.8	36.0	36.7	39.0	40.3	41.3	43.9	44.7	44.2	43.5	42.2	40.8	40.0	40.5	40.6	39.4	40.1	39.5	3
4	39.0	37.3	37.0	37.0	37.0	37.4	38.0	37.7	40.5	43.3	44.0	44.8	45.3	45.0	44.1	43.3	41.0	41.1	39.5	38.8	39.5	39.8	38.8	36.3	4
5	37.9	38.2	38.9	36.5	35.8	35.8	33.0	31.0	32.8	36.1	40.8	42.5	45.0	45.2	45.3	44.5	42.0	43.1	43.0	42.9	42.5	43.3	42.1	41.3	5
6	39.9	38.8	39.1	39.0	39.5	37.9	37.2	38.1	41.1	44.2	45.5	45.9	45.9	45.5	45.2	44.1	44.0	42.1	40.2	37.9	38.8	36.7	41.8	39.5	6
7	40.0	38.0	40.5	38.3	36.2	35.9	37.8	35.3	37.3	40.0	43.9	43.2	43.1	43.0	42.4	41.4	40.0	39.3	39.0	37.9	36.4	36.0	35.2	34.3	7
8	34.6	34.8	34.9	35.0	35.4	35.7	35.9	37.2	37.2	37.8	37.9	38.2	38.0	38.9	38.8	37.2	35.4	33.4	35.0	34.4	33.9	36.1	36.9	34.0	8
9	37.5	33.0	34.0	31.7	31.5	31.1	31.1	30.4	31.6	33.3	35.8	38.0	38.7	39.0	38.9	38.2	36.6	37.0	37.7	38.0	38.2	39.7	42.2	46.3	9
10	44.9	44.4	43.5	44.2	42.9	42.9	42.0	42.6	44.0	42.9	43.8	44.3	45.9	44.6	44.2	42.3	42.2	40.8	41.9	41.3	42.5	41.4	41.0	39.7	10
11	39.3	39.8	39.3	38.2	38.1	37.1	36.3	35.9	36.0	36.9	37.3	37.2	36.2	35.8	35.0	33.7	30.9	30.8	32.2	33.8	34.0	33.8	33.5	34.0	11
12	33.2	33.4	33.7	34.8	35.1	35.9	37.0	34.2	32.0	36.0	40.1	41.7	43.4	44.3	44.2	44.7	44.9	40.9	40.0	39.9	39.5	40.0	39.7	37.9	38.1	12
13	37.8	38.0	37.9	38.3	39.3	38.3	39.8	39.7	40.7	41.2	43.8	45.0	45.0	44.9	44.1	43.0	40.8	39.5	39.3	37.3	35.5	33.8	34.3	35.2	13
14	34.5	33.2	32.2	32.0	33.7	30.8	31.4	32.2	33.8	33.8	37.6	42.3	43.3	42.9	42.3	41.8	41.9	40.1	39.9	39.9	40.3	39.0	40.3	40.9	14
15	38.7	40.0	40.0	40.8	41.1	41.8	41.2	40.0	41.7	42.3	43.4	43.9	44.8	43.9	43.9	44.1	43.8	42.9	42.2	42.7	42.3	41.8	42.5	42.1	15
16	42.9	42.5	43.8	43.0	43.1	43.9	43.5	43.1	42.8	43.4	43.8	44.5	44.9	45.8	45.1	44.3	42.7	41.4	40.9	42.9	42.3	42.1	41.9	40.3	16
17	40.9	41.9	42.1	41.7	42.8	43.0	42.8	42.5	43.1	43.8	42.9	45.2	46.6	46.3	46.1	44.9	42.6	42.5	42.2	40.0	42.5	39.9	37.8	37.5	17
18	35.9	36.7	32.9	31.9	32.2	31.7	31.8	30.5	30.9	32.1	32.3	33.4	35.2	37.0	37.1	36.2	36.9	35.9	36.0	34.3	32.9	32.2	32.2	31.7	18
19	31.4	30.5	32.0	30.7	30.3	31.2	30.5	31.6	33.3	35.7	37.9	40.0	42.6	43.8	44.1	43.1	42.2	41.9	40.5	40.2	41.0	41.0	40.8	40.7	19
20	40.1	40.2	41.8	42.4	42.5	41.5	41.3	42.4	43.5	43.3	43.7	44.1	45.0	46.2	45.6	45.5	46.2	44.9	44.1	44.1	43.9	43.8	42.9	42.2	20
21	42.0	41.9	42.0	41.9	41.3	41.3	42.0	41.7	41.7	42.9	44.0	45.3	46.0	46.0	45.9	45.6	45.0	44.2	44.1	43.1	43.9	43.0	43.2	42.6	21
22	41.8	41.8	42.0	42.2	40.8	40.9	40.9	39.3	37.8	38.0	38.8	38.7	40.0	41.2	41.0	40.9	41.3	42.7	43.1	43.5	43.3	43.7	39.5	38.1	22
23	37.8	37.2	36.8	35.1	34.4	34.2	34.9	34.9	36.0	35.3	35.4	35.4	35.8	35.3	35.2	35.3	35.6	35.7	35.8	35.9	36.0	36.0	35.9	35.9	23
24	35.9	36.7	36.9	36.9	37.2	37.4	38.2	38.2	38.3	38.6	38.9	38.9	39.7	39.1	38.5	36.9	36.9	36.3	35.9	35.3	35.8	35.4	36.7	36.0	24
25	36.9	36.1	36.3	35.9	35.8	35.3	35.9	36.4	36.5	36.8	37.5	39.7	40.0	39.9	40.5	39.0	38.8	36.9	36.3	35.0	36.9	35.8	36.2	35.3	25
26	35.2	33.7	33.6	33.4	33.3	33.5	34.1	35.7	38.2	38.8	38.6	38.9	36.3	35.3	33.3	33.4	33.4	33.7	35.2	35.5	37.0	36.9	36.1	36.0	26
27	34.9	34.8	32.9	32.1	30.8	31.6	29.7	30.0	30.8	31.1	32.8	33.2	33.6	33.8	33.2	34.0	35.3	35.9	36.2	36.7	36.6	36.3	36.6	36.9	27
28	37.0	37.3	37.2	37.0	37.3	37.1	36.7	36.7	35.3	37.3	37.9	38.3	38.5	37.9	37.5	37.3	35.7	33.3	31.6	32.8	30.5	30.6	28.6	28.2	28
29	28.2	27.2	27.9	28.9	29.1	29.3	30.2	32.0	34.8	35.4	35.9	35.1	34.8	34.7	34.3	34.3	34.5	35.0	35.3	35.3	35.3	35.2	34.8	34.9	29
30	34.9	34.8	34.3	34.0	34.6	35.1	34.5	34.7	33.9	34.5	35.9	36.2	36.9	36.3	36.7	36.4	37.2	37.3	38.9	39.5	40.0	39.9	38.8	36.9	30
31																									31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT. Secretary.

GLASGOW OBSERVATORY LAT: 55°53′ N. LONG: 4°18′ W. HOURLY VALUES November 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Noon D	Noon V
1	28	3	28	3	28	3	1	4.5	1	4	7	4	2	4.5	30	4	28	4.5	32	6.5	32	11	32	9.5
2	31	8.5	32	5.5	29	5.5	1	4.5	4	5.5	29	8.5	30	4.5	2	6.5	24	6.5	24	7.5	28	5.5	24	5.5
3	22	4.5	25	3	25	4.5	26	5.5	26	3	26	3	26	4.5	26	3	26	4.5	26	5.5	26	4	26	4
4	23	4.5	23	4	24	4.5	24	3	24	4	24	4	24	3	24	3	28	6.5	28	8.5	1	10.5	1	13
5	30	9.5	31	6.5	29	9.5	28	6.5	27	7.5	27	5.5	26	4	26	5.5	26	4.5	26	4.5	23	7.5	24	10.5
6	24	7.5	25	6.5	19	4	18	9.5	18	14	20	11	24	12	20	8.5	19	10.5	27	12	31	16	32	17
7	29	7.5	25	8.5	27	10.5	24	7.5	25	7.5	25	8.5	27	8.5	24	5.5	26	6.5	23	5.5	26	7.5	28	4.5
8	4	10.5	6	15	6	15	5	16	4	12	3	17	3	18	3	21	1	14	31	11	32	17	1	15
9	29	10.5	25	6.5	26	7.5	27	5.5	22	5.5	22	4	22	4.5	22	4.5	22	2	22	4	20	6.5	22	8.5
10	23	14	22	12	22	14	21	20	21	16	22	12	21	10.5	23	9.5	22	15	20	13	22	11	21	13
11	27	13	26	15	25	17	27	19	26	17	27	19	26	24	26	20	26	12	26	11	26	22	27	20
12	24	9.5	24	7.5	26	7.5	24	8.5	23	8.5	27	9.5	29	12	25	7.5	25	8.5	24	11	26	14	23	12
13	27	16	27	16	27	13	27	14	30	7.5	23	7.5	30	11	29	15	30	6.5	31	7.5	32	15	2	10.5
14	28	6.5	28	5.5	28	4	28	6.5	28	7.5	28	4.5	28	4	28	2	28	4.5	28	3	28	4.5	31	8.5
15	31	4.5	32	6.5	32	9.5	32	11	32	15	32	16	32	11	29	6.5	32	14	32	16	32	20	32	19
16	30	17	31	18	29	17	29	18	29	15	31	17	32	18	32	13	1	12	32	11	1	14	1	16
17	29	10.5	31	11	32	9.5	31	12	32	18	32	17	32	17	31	15	31	11	31	10.5	30	7.5	18	7.5
18	13	3	13	4	16	4.5	16	4.5	16	4.5	16	4	16	4	16	3	16	4	16	3	16	3	17	4
19	17	2	17	4	17	4	17	2	17	4.5	17	3	17	4.5	17	4.5	17	2	17	4.5	17	3	17	2
20	20	4.5	20	7.5	19	9.5	20	9.5	20	7.5	18	6.5	18	4.5	18	5.5	20	8.5	19	10.5	19	7.5	19	8.5
21	21	3	21	2	21	3	21	4	21	2	21	2	21	3	21	3	21	4	21	4.5	21	4	21	4.5
22	20	8.5	19	7.5	21	8.5	19	9.5	19	8.5	18	6.5	20	14	18	10.5	18	10.5	19	10.5	19	8.5	18	8.5
23	6	14	7	14	7	14	6	15	6	13	6	11	6	12	6	12	6	11	7	11	7	11	6	10.5
24	7	5.5	6	9.5	5	9.5	5	12	6	9.5	5	7.5	4	11	5	8.5	2	9.5	4	9.5	4	12	5	12
25	7	3	7	3	7	3	7	4	7	4	7	3	7	3	7	3	7	4	7	4	7	4	7	4.5
26	4	6.5	4	4.5	4	3	4	3	3	4	3	3	3	4.5	3	5.5	3	11	4	6.5	4	4.5	7	5.5
27	30	4	30	4.5	30	4	30	4	30	3	30	4	30	3	30	3	30	3	30	4	30	4.5	1	10.5
28	4	19	4	20	4	19	4	20	3	15	4	10.5	1	9.5	1	10.5	1	9.5	1	9.5	32	9.5	1	10.5
29	23	3	23	3	23	2	23	3	23	6.5	24	8.5	3	6.5	3	4.5	11	6.5	15	5.5	15	4	7	5.5
30	32	2	32	3	32	3	32	4	32	2	32	2	32	4	32	3	32	4	32	3	32	2	32	3
31																								

Days	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	Midt. D	Midt. V
1	32	6.5	0	9.5	29	10.5	30	10.5	1	6.5	28	6.5	27	4	20	5.5	26	7.5	1	6.5	27	5.5	32	7.5
2	25	10.5	5	11	24	8.5	26	6.5	25	4	25	4.5	25	5.5	24	5.5	22	5.5	22	5.5	22	5.5	22	5.5
3	26	4	6	4.5	26	5.5	28	6.5	28	4.5	19	4	19	4.5	23	4.5	23	2	23	3	23	4	23	3
4	1	14	1	16	1	16	1	12	2	7.5	32	10.5	4	8.5	2	4.5	30	9.5	31	9.5	31	6.5	27	8.5
5	31	12	5	9.5	26	13	26	9.5	26	9.5	28	7.5	29	8.5	32	7.5	32	9.5	30	5.5	27	4.5	21	8.5
6	1	22	1	22	32	12	32	8.5	30	7.5	29	9.5	27	7.5	26	7.5	24	4.5	29	9.5	28	11	27	9.5
7	26	5.5	5	6.5	21	4.5	21	5.5	20	6.5	19	5.5	24	4.5	2	5.5	2	5.5	2	4	2	5.5	4	5.5
8	32	11	2	9.5	30	10.5	31	11	29	6.5	26	11	24	13	23	10.5	26	12	29	11	31	9.5	26	6.5
9	16	10.5	8	12	17	18	18	19	16	16	14	16	15	18	16	22	15	24	15	26	15	23	21	25
10	23	13	2	10.5	23	10.5	19	6.5	24	9.5	27	6.5	26	12	26	13	27	10.5	27	6.5	25	7.5	26	12
11	25	18	7	17	26	14	26	9.5	24	12	25	10.5	26	11	27	13	29	11	26	9.5	25	8.5	25	7.5
12	22	5.5	8	8.5	27	16	28	10.5	24	11	25	11	24	13	20	13	19	15	26	15	27	16	27	16
13	1	8.5	1	8.5	1	9.5	2	6.5	2	4	2	3	2	4	2	4	2	4.5	2	4.5	2	3	2	4.5
14	2	10.5	2	9.5	1	10.5	1	8.5	30	5.5	32	4.5	30	9.5	32	9.5	31	12	32	7.5	1	9.5	32	11
15	32	19	2	15	32	19	32	21	32	19	32	20	32	20	32	20	32	17	32	15	30	16	30	13
16	1	19	2	17	32	7.5	31	11	32	8.5	31	7.5	28	5.5	32	10.5	30	15	31	14	32	9.5	30	7.5
17	24	6.5	2	9.5	1	8.5	32	12	32	6.5	27	5.5	5	4.5	28	7.5	1	6.5	9	4	13	4	13	3
18	17	2	7	4	17	4	17	3	17	2	17	3	17	4	17	4	17	5.5	17	5.5	17	3	17	3
19	17	5.5	8	10.5	19	8.5	19	9.5	19	10.5	19	10.5	19	9.5	19	8.5	19	8.5	19	7.5	19	8.5	20	6.5
20	20	8.5	0	9.5	21	10.5	21	8.5	20	6.5	20	10.5	21	6.5	21	5.5	21	6.5	21	4	21	3	21	4
21	21	4.5	1	4	21	4	21	4.5	21	5.5	21	5.5	21	4	21	4.5	19	7.5	19	4	19	9.5	19	9.5
22	20	10.5	0	12	20	10.5	19	12	17	6.5	20	8.5	18	6.5	17	4.5	5	8.5	6	14	6	16	6	16
23	7	10.5	6	10.5	5	13	7	11	6	11	7	10.5	7	8.5	7	7.5	7	8.5	6	8.5	7	8.5	7	6.5
24	5	13	6	11	7	10.5	7	8.5	7	9.5	8	9.5	7	7.5	7	8.5	7	7.5	7	7.5	7	6.5	7	4
25	7	4	1	5.5	31	4	31	3	31	4	31	4.5	31	4.5	31	4.5	31	5.5	31	4.5	4	6.5	4	5.5
26	17	4.5	7	4	17	4	17	4	17	3	17	4	17	4	17	4	8	4	2	7.5	3	4.5	3	4.5
27	1	5.5	1	6.5	2	7.5	5	8.5	3	10.5	4	10.5	4	11	4	11	5	11	4	13	4	19	4	17
28	2	4.5	5	8.5	26	7.5	26	5.5	28	4.5	26	5.5	26	4.5	26	4	26	4	26	4	26	4	23	2
29	6	8.5	6	10.5	5	8.5	5	9.5	5	10.5	5	6.5	3	6.5	3	4.5	3	4	3	3	32	4	32	3
30	32	3	2	4	32	4	32	4	32	2	24	5.5	19	6.5	18	7.5	18	6.5	32	5.5	30	5.5	24	5.5
31																								

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET}

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.035	.032	.061	.035	.037	.019	.001	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.004	.010	.036	.073	.042	.104	.051
10	.	.009	.001	.	.	.050	.020	.020	.040	.020	.005	.020	.025	.001	.	.	.	.	.	.	.	.	.	.001
11	.001	.	.	.	.	.001	.	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.024	.050	.036
23	.009	.	.002	.009	.030	.016	.014	.016	.019	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005
26	.005	.040	.053	.050	.016	.009	.001	.013	.029	.008	.	.	.	.030	.040	.031	.009	.	.	.	.008	.001	.001	.
27	.	.001	.001	.002	.	.	.	.	.	.	.	.010	.040	.020	.010	.028	.002	.001	.001	.	.	.	.	.
28	.	.	.	.	.	.	.001	.002	.002	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.001	.001	.003	.002	.001	.001	.	.	.001	.052	.015	.	.002	.	.	.	.	.	.	.	.	.	.	.
30	.005	.002	.	.	.	.	.	.	.	.001	.	.	.	.	.	.028	.017	.005	.	.	.	.001	.001	.003
31																								
093	021	053	060	063	044	041	036	052	091	092	020	030	063	051	050	084	063	042	072	091	118	082	157	096

* Record defective or Instrument out of action. † Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

Days	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Midt.
1	[illegible]	.167	.169	.170	.188	.180	.188	.187	.193	.196	.193	.193	.188	.184	.186	.173	.177	.161	.162	.169	.167	.179	.182	.168
2	[illegible]	.165	.156	.160	.167	.163	.172	.172	.170	.178	.188	.203	.204	.199	.197	.198	.201	.189	.192	.210	.208	.208	.222	.226
3	[illegible]	.227	.217	.219	.212	.210	.212	.206	.204	.209	.217	.226	.239	.232	.224	.223	.221	.217	.220	.219	.217	.218	.214	.217
4	[illegible]	.207	.196	.200	.200	.202	.208	.208	.204	.210	.205	.199	.195	.194	.187	.186	.189	.184	.182	.183	.182	.179	.176	.181
5	[illegible]	.173	.177	.181	.177	.175	.163	.153	.164	.174	.194	.191	.186	.205	.220	.231	.229	.220	.211	.184	.169	.177	.186	.181
6	[illegible]	.187	.189	.183	.175	.166	.177	.187	.194	.203	.197	.191	.193	.180	.182	.190	.189	.180	.177	.180	.183	.174	.177	.174
7	[illegible]	.173	.173	.172	.173	.174	.173	.178	.179	.189	.181	.178	.205	.199	.208	.212	.224	.230	.220	.211	.205	.197	.198	.192
8	[illegible]	.186	.185	.180	.175	.167	.161	.160	.154	.154	.163	.157	.144	.146	.138	.130	.130	.127	.132	.140	.167	.157	.147	.148
9	[illegible]	.149	.146	.138	.141	.145	.147	.139	.148	.147	.181	.192	.206	.197	.186	.185	.188	.195	.206	.208	.210	.222	.256	.295
10	[illegible]	.260	.250	.240	.237	.254	.243	.258	.265	.246	.246	.263	.266	.258	.259	.246	.235	.231	.217	.211	.207	.208	.211	.205
11	[illegible]	.200	.191	.181	.169	.151	.137	.125	.126	.135	.129	.133	.136	.125	.138	.129	.132	.132	...	*	...	†.121	.123	.118
12	[illegible]	.127	.123	.121	.131	.131	.133	...	*	*	...	.194	.213	.206	.185	.186	.186	.186	.175	.174	.169	.170	.171	.172
13	[illegible]	.173	.174	.177	.176	.182	.174	.177	.186	.188	.188	.194	.202	.198	.201	.184	.182	.191	.183	.179	.184	.176	.176	.182
14	[illegible]	.169	.167	.167	.176	.160	.165	.177	.177	.180	.192	.196	.203	.200	.202	.191	.188	.186	.173	.173	.183	.179	.186	.179
15	[illegible]	.184	.186	.182	.182	.188	.182	.172	.170	.181	.173	.176	.173	.181	.172	.171	*	†.179	.185	.178	.177	.181	.186	.192
16	[illegible]	.191	.188	.195	.198	.194	.196	.201	.204	.197	.199	.199	.195	.196	.198	.189	.189	.188	.186	.193	.201	.189	.191	.188
17	[illegible]	.186	.186	.182	.185	.183	.183	.181	.180	.177	.185	.185	.196	.194	.192	.184	.185	.180	.185	.172	.184	.175	.172	.176
18	[illegible]	.168	.154	.154	.155	.158	.158	.151	.148	.154	.168	.163	.173	.180	.181	.193	.187	.189	*	.194	.172	.172	.167	.162
19	[illegible]	.158	.162	.154	.157	.158	.155	.164	.180	.191	.195	.211	.236	.246	.254	.248	.241	.240	.229	.224	.229	.231	.227	.229
20	[illegible]	.230	.243	.249	.255	.249	.249	.258	.261	.256	.251	.262	.268	.274	.269	.270	.273	.269	.266	.266	.266	.265	.258	.256
21	[illegible]	.246	.245	.246	.247	.247	.249	.247	.245	.252	.261	.268	.269	.269	.273	.271	.268	.257	.247	.237	.247	.251	.238	.232
22	[illegible]	.223	.225	.202	.208	.214	.203	.217	.199	.195	.192	.193	.207	.215	.217	.220	.230	.244	.252	.254	.254	.239	.228	.211
23	[illegible]	.208	.207	.195	.189	.190	.189	.187	.192	.197	.196	.196	.193	.197	.196	.193	.192	.191	.191	.194	.195	.195	.194	.196
24	[illegible]	.200	.199	.199	.200	.200	.202	.202	.201	.205	.217	.219	.210	.209	.197	.196	.196	.192	.192	.195	.191	.196	.194	.197
25	[illegible]	.202	.206	.202	.203	.201	.205	.207	.206	.206	.214	.226	.222	.212	.217	.222	.211	.205	.204	.200	.199	.191	.197	.191
26	[illegible]	.184	.183	.183	.184	.184	.193	.189	.181	.181	.190	.182	.194	.199	.184	.185	.185	.184	.186	.182	.180	.178	.176	.177
27	[illegible]	.160	.164	.154	.150	.141	.141	.151	.138	.147	...	*	...	.180	.184	.186	.179	.176	.177	.170	.167	.169	.158	.155
28	[illegible]	.150	.148	.148	.144	.145	.139	.141	.143	.146	.149	.152	.159	.158	.160	.150	.157	.145	.139	.137	.141	.135	.137	.114
29	[illegible]	.120	.122	.127	.132	.131	.156	.172	.161	.198	.196	.197	.190	.188	.190	.190	.190	.190	.195	.197	.193	.196	.188	.189
30	[illegible]	.188	.190	.186	.189	.193	.190	.190	.187	.190	.196	.197	.203	.204	.202	.205	.216	.216	.227	.232	.243	.231	.228	.217
31																								

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10′ N LONG 2°6′ W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.928	29.928	29.929	29.946	29.950	29.962	29.973	29.987	*	30.004	30.013	30.011	30.013	30.004	30.007	30.011	30.010	30.013	30.023	30.034	30.054	30.067	30.070	30.063	1
2	30.073	30.087	30.084	30.099	30.112	30.124	30.146	30.163	30.186	.200	.194	.187	.172	.173	.168	.167	.170	.162	30.164	30.157	30.159	30.157	30.157	30.156	2
3	30.161	30.154	30.137	30.139	30.136	30.144	30.141	30.131	30.138	30.137	30.124	30.110	30.091	30.064	30.054	30.043	30.024	30.003	29.986	29.969	29.951	29.932	29.909	29.889	3
4	29.859	29.840	29.804	29.778	29.753	29.733	29.726	29.755	29.774	29.782	29.791	29.789	29.794	29.808	29.820	29.836	29.854	29.874	.888	.891	.900	.896	.891	.896	4
5	.900	.899	.896	.890	.887	.877	.873	.871	.843	.814	.793	.763	.733	.713	.705	.699	.694	.687	.672	.663	.642	.637	.612	.593	5
6	.560	.530	.496	.468	.453	.438	.453	.478	.498	.528	.545	.554	.561	.569	.566	.571	.582	.591	.597	.607	.609	.617	.626	.624	6
7	.625	.627	.626	.628	.631	.642	.652	.640	.642	.639	.637	.620	.608	.594	.580	.569	.558	.539	.526	.509	.491	.478	.469	.451	7
8	.441	.431	.425	.426	.418	.421	.439	.464	.488	.509	.536	.561	.568	.588	.573	.585	.588	.589	.607	.630	.676	.726	.776	.814	8
9	.846	.879	.886	.906	.933	29.943	29.941	29.936	29.946	29.936	29.916	29.896	29.872	29.846	29.818	29.793	29.759	29.713	29.659	29.594	29.516	29.429	29.339	29.264	9
10	29.194	29.132	29.061	.021	.001	28.988	28.981	28.976	28.961	28.950	28.947	28.926	28.914	28.899	28.897	28.892	28.889	28.881	28.871	28.859	28.854	28.851	28.881	28.929	10
11	28.966	28.988	28.986	.022	.048	29.055	29.074	29.100	29.110	29.124	29.132	29.122	29.116	29.102	29.101	29.089	29.078	29.074	29.066	29.059	29.052	29.070	29.075	29.077	11
12	29.086	29.098	29.087	.108	.111	.107	.102	.106	.094	.092	.094	.081	.084	.097	.121	.133	.143	.165	.180	.198	.199	.215	.233	.241	12
13	.264	.287	.310	.335	.357	.378	.409	.441	.479	.508	.528	.539	.547	.561	.572	.592	.602	.617	.627	.633	.642	.647	.651	.651	13
14	.644	.643	.644	.647	.651	.657	.674	.687	.701	.703	.703	.689	.676	.677	.674	.680	.687	.695	.694	.686	.673	.676	.673	.670	14
15	.663	.646	.645	.640	.640	.620	.608	.595	.580	.561	.529	.497	.483	.464	.446	.424	.415	.395	.383	.364	.328	.308	.291	.281	15
16	.268	.258	.249	.250	.269	.283	.304	.328	.339	.349	.365	.360	.360	.367	.379	.398	.419	.427	.437	.440	.457	.459	.473	.479	16
17	.486	.498	.517	29.521	29.549	29.567	29.588	29.612	29.637	29.658	29.670	29.682	29.699	29.723	29.746	29.773	29.799	29.828	29.843	29.869	29.890	29.912	29.930	29.952	17
18	29.968	29.987	29.999	30.006	30.030	30.049	30.067	30.093	30.099	30.122	30.143	30.145	30.159	30.165	30.168	30.180	30.187	30.204	30.213	30.213	30.217	30.232	30.233	30.228	18
19	30.274	30.225	30.228	.222	.221	.221	.206	.208	.210	.194	.195	.193	.183	.176	.165	.164	.165	.174	.175	.173	.162	.164	.156	.157	19
20	.164	.165	.163	.160	.165	.163	.168	.188	.183	.187	.188	.187	.179	.175	30.171	30.169	30.169	30.176	30.178	30.179	30.175	30.176	30.168	30.151	20
21	30.140	30.133	30.124	30.114	30.101	30.097	30.095	30.097	30.084	30.077	30.065	30.037	30.019	30.002	29.988	29.982	29.973	29.961	29.943	29.926	29.915	29.901	29.887	29.879	21
22	29.862	29.829	29.809	29.797	29.782	29.767	29.758	29.758	29.748	29.741	29.742	29.733	29.739	29.752	.783	.800	.816	.840	.857	.869	.880	.890	.900	.903	22
23	.910	.917	.919	.915	.917	.919	.923	.927	.928	.936	.932	.924	.916	.901	.894	.891	.889	.890	.888	.881	.876	.861	.854	.844	23
24	.826	.808	.784	.764	.741	.716	.685	.673	.644	.621	.605	.569	.536	.505	.478	.457	.446	.437	.416	.398	.378	.365	.345	.327	24
25	.308	.288	.285	.266	.257	.249	.246	.242	.246	.253	.250	.261	.248	.256	.268	.268	.280	.297	.307	.322	.337	.353	.357	.360	25
26	.370	.380	.387	.388	.397	.409	.409	.429	.443	.461	.462	.462	.459	.461	.462	.471	.479	.486	.486	.500	.506	.507	.506	.506	26
27	.502	.507	.501	.497	.502	.502	.511	.527	.538	.550	.561	.563	.567	.567	.579	.592	.610	.639	.660	.684	.707	.726	.742	.755	27
28	.763	.779	.788	.800	.807	.816	.834	.847	.864	.886	.891	.899	.895	.895	.900	.905	.909	.921	.920	.919	.920	.915	.912	.896	28
29	.878	.870	.857	.839	.828	.813	.807	.809	.805	.808	.807	.803	.805	.801	.801	.815	.830	.844	.852	.863	.867	.872	.877	.879	29
30	29.873	29.876	29.870	29.857	29.846	29.844	29.842	29.837	29.831	29.824	29.810	29.795	29.771	29.757	29.751	29.743	29.733	29.724	29.712	29.698	29.679	29.670	29.657	29.640	30
31																									31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	41.6	41.5	40.4	41.8	41.6	41.7	40.8	41.1	41.2	43.8	44.7	45.7	44.4	44.4	42.4	40.9	38.4	37.6	39.5	40.4	41.0	40.2	38.4	38.0	1
2	37.5	36.9	35.4	36.8	39.2	38.2	38.7	39.3	42.1	42.7	43.0	43.1	42.4	42.0	42.5	41.8	44.4	41.4	41.3	41.5	42.1	41.7	41.6	41.3	2
3	40.3	40.1	40.0	40.1	40.5	39.8	39.6	40.0	40.4	40.8	41.6	43.0	42.7	42.2	41.9	41.2	39.7	40.0	40.2	40.1	39.9	38.9	38.6	38.7	3
4	37.9	37.2	37.3	37.7	39.5	40.3	42.4	41.6	41.0	41.0	41.6	41.0	43.0	42.6	42.0	40.9	40.2	39.4	38.9	38.0	39.8	38.0	38.4	36.0	4
5	35.7	36.9	37.1	38.4	36.8	37.4	38.3	37.8	38.6	40.4	41.1	42.0	43.2	44.0	43.2	40.3	39.7	39.2	39.7	39.6	39.0	36.8	37.3	36.7	5
6	37.0	38.1	38.7	38.6	38.1	40.8	41.0	41.2	42.1	42.7	40.6	41.0	40.8	40.9	40.4	39.7	40.7	40.0	40.6	39.8	40.0	40.4	40.0	40.0	6
7	40.0	37.9	38.3	37.2	37.3	37.4	36.7	35.9	38.4	39.0	37.6	38.2	40.2	38.9	38.5	37.8	36.8	35.9	35.0	34.7	35.1	34.3	33.7	33.4	7
8	33.0	32.7	32.6	33.3	33.7	32.9	33.9	34.9	35.2	36.0	37.4	36.8	36.0	36.3	35.5	35.0	33.6	33.0	34.0	33.8	34.9	36.4	37.0	36.1	8
9	36.8	34.1	33.2	33.1	33.0	32.3	32.8	31.8	33.1	34.0	34.9	35.9	36.3	36.3	35.8	35.8	35.5	35.0	35.3	36.0	38.0	39.1	39.7	40.5	9
10	39.3	39.5	40.6	38.3	36.8	34.9	34.4	36.5	36.8	39.1	41.0	40.2	42.4	43.5	43.0	40.4	39.4	39.1	39.7	41.3	40.2	40.0	38.2	39.9	10
11	39.6	39.6	39.2	37.9	38.0	37.4	35.5	35.3	35.1	34.9	34.4	34.2	34.0	34.0	34.0	33.8	33.4	31.6	31.4	32.7	34.8	35.4	37.1	37.4	11
12	37.4	37.0	37.0	36.8	36.9	37.0	35.4	35.3	36.6	37.8	38.2	39.4	40.5	39.4	38.9	38.9	39.1	38.8	38.3	38.9	39.1	39.3	37.8	38.3	12
13	37.7	37.8	38.1	37.5	37.2	37.4	37.8	39.3	39.8	40.8	41.3	41.7	42.1	42.0	42.6	39.0	37.4	36.7	36.1	35.6	34.8	34.8	36.0	36.7	13
14	37.6	36.9	37.4	35.1	35.1	34.4	34.8	34.2	35.0	36.2	38.8	40.5	42.8	42.0	41.7	41.3	40.8	39.9	40.0	40.0	39.7	40.4	41.8	42.0	14
15	41.4	41.4	41.7	41.8	41.5	41.9	42.2	42.3	43.4	43.8	44.5	45.1	45.3	45.0	44.3	44.3	44.1	43.6	43.6	42.9	44.0	44.0	43.9	42.0	15
16	41.4	41.0	40.7	41.0	41.5	41.8	41.2	41.6	40.6	41.6	43.1	42.9	44.8	42.3	43.8	43.4	42.1	41.5	41.7	41.3	41.9	41.7	41.0	41.0	16
17	42.1	43.1	41.9	43.0	41.7	42.6	43.0	42.0	42.1	43.7	45.3	46.1	46.3	45.8	44.6	42.7	42.1	41.8	40.8	41.0	41.4	38.4	36.6	37.0	17
18	36.7	36.3	36.4	36.5	36.0	36.0	35.9	36.3	36.5	37.8	40.0	42.3	43.3	43.4	41.3	39.1	37.6	36.1	36.7	36.2	35.8	35.0	35.2	34.9	18
19	34.7	34.0	34.2	37.2	37.7	37.7	37.8	38.1	38.7	39.7	40.6	41.0	42.2	42.3	41.7	40.2	38.8	39.0	38.2	38.1	37.8	37.7	40.8	39.8	19
20	40.0	38.0	38.8	38.9	38.5	37.6	39.4	39.0	42.9	40.5	45.0	46.5	47.7	47.4	47.5	47.4	46.7	46.3	46.4	45.5	45.2	44.6	44.5	43.8	20
21	43.7	43.4	43.6	43.4	43.6	43.6	43.5	43.2	44.0	44.8	46.3	47.8	48.6	49.0	48.3	47.2	46.4	45.0	44.2	43.8	43.1	42.0	41.0	40.2	21
22	39.9	40.9	41.0	39.6	38.6	38.0	38.0	39.0	40.1	44.0	43.4	44.0	44.1	44.5	42.7	42.3	40.9	40.6	40.2	39.1	38.3	38.0	37.2	36.1	22
23	36.3	34.4	34.2	34.3	34.3	34.8	34.8	35.1	35.5	35.9	36.4	37.4	38.1	38.3	37.6	37.1	36.6	36.7	34.8	34.0	34.3	34.3	34.0	33.7	23
24	33.6	34.0	34.4	34.8	35.6	40.2	40.3	40.1	40.8	41.4	43.3	43.5	42.8	41.0	41.3	41.5	41.2	41.4	40.9	41.3	41.7	42.1	42.3	41.5	24
25	42.2	42.7	41.7	43.4	43.4	43.4	42.7	42.7	44.0	43.1	43.0	43.0	43.0	43.2	43.1	42.0	42.8	41.9	40.6	40.3	40.7	40.7	40.5	40.0	39.4	25
26	39.1	38.9	37.0	38.0	38.0	36.4	38.0	36.3	38.3	38.7	37.4	39.1	40.7	40.4	39.8	38.8	36.3	38.3	35.4	35.9	34.7	34.7	34.0	33.4	26
27	33.1	33.1	33.2	33.0	33.3	33.6	33.8	35.0	34.1	34.4	39.0	41.0	41.6	40.6	41.3	41.6	41.8	42.0	41.5	41.8	41.3	41.6	39.4	39.1	27
28	39.3	37.6	37.2	36.3	36.8	37.6	37.0	37.0	35.7	35.4	35.5	37.3	37.8	36.5	36.5	34.6	34.8	34.0	32.9	33.4	32.7	33.0	31.9	31.8	28
29	31.7	32.0	31.1	30.0	29.2	28.9	30.2	32.0	33.7	34.1	34.8	35.8	36.4	36.4	36.5	36.3	36.3	36.2	37.8	37.2	37.0	35.7	35.5	35.4	29
30	36.8	35.9	35.7	35.2	35.1	35.7	35.7	35.6	34.6	34.8	36.1	37.1	37.7	36.7	35.9	35.6	35.2	35.3	35.3	35.1	35.9	36.5	36.0	36.2	30
31																									31

* Record defective or Instrument out of action.

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT: 57°10'N. LONG: 2°6'W.

HOURLY VALUES ... November 1878.

WIND

DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N}

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	M.DT. D	M.DT. V	DAYS
1	2	10·5	1	15	32	15	3	15	2	16	1	16	2	15	2	14	32	14	1	13	31	18	31	21	31	20	30	22	28	21	28	23	28	17	29	13	31	14	31	18	31	19	29	19	30	18			1
2	28	19	29	17	29	20	29	18	29	16	29	15	29	14	29	13	32	14	30	15	27	20	28	20	28	23	28	16	27	17	27	15	27	15	27	17	27	13	28	15	28	12	30	12	29	12			2
3	29	11	27	12	27	14	27	15	28	12	28	9·5	28	11	29	10·5	29	11	29	11	28	18	28	15	28	17	28	16	27	15	27	15	27	11	27	16	28	16	27	15	27	15	27	14	27	13			3
4	27	9·5	24	8·5	22	8·5	22	6·5	26	16	26	20	30	19	1	16	2	15	1	14	2	20	1	13	1	18	2	16	1	13	32	15	32	12	30	12	32	12	30	11	32	11	30	13	29	11	28	12	4
5	28	12	28	13	28	10·5	28	10·5	28	8·5	28	16	28	13	28	13	27	17	27	23	28	22	27	24	28	26	30	20	30	23	30	22	29	24	29	23	29	25	29	23	29	28	30	29	30	28	29	25	5
6	30	26	29	30	28	28	27	33	28	26	31	23	32	20	32	21	1	23	3	23	2	22	32	22	1	21	1	21	31	18	32	16	31	17	31	21	32	19	32	18	31	16	32	16	31	14	30	15	6
7	31	13	29	13	30	15	28	16	29	14	32	12	31	13	29	11	28	14	27	14	27	18	27	12	26	13	8	14	26	10·5	27	10·5	25	10·5	26	10·5	26	10·5	26	7·5	26	8·5	26	7·5	26	7·5	26	10·5	7
8	27	10·5	27	10·5	28	12	28	11	28	10·5	29	13	32	15	32	13	32	17	30	13	31	15	30	14	30	16	8	17	27	20	27	22	27	22	26	26	27	23	28	22	2	27	3	23	32	19	29	10·5	8
9	32	13	29	12	29	11	28	8·5	24	8·5	25	8·5	26	7·5	24	9·5	23	10·5	24	5·5	20	6·5	20	7·5	22	11	1	11	21	9·5	21	6·5	18	8·5	19	11	19	9·5	19	12	16	17	16	28	15	30	15	33	9
10	16	23	16	19	19	10·5	22	6·5	22	4	20	4	24	5·5	24	6·5	19	4·5	19	4	16	4	16	4	17	4	5	5	27	9·5	27	13	25	11	24	11	24	14	27	26	28	33	28	38	29	39	30	38	10
11	30	32	29	34	29	36	27	31	27	32	27	34	27	33	28	32	27	37	27	39	26	34	27	35	27	32	7	32	26	27	26	26	26	26	27	24	27	26	28	18	29	22	30	23	30	24	30	23	11
12	30	24	30	23	29	30	29	30	28	26	28	30	27	34	27	34	27	30	27	23	27	24	28	18	28	21	0	16	29	19	29	22	29	18	29	22	28	19	28	22	28	18	28	22	27	20	28	15	12
13	28	12	29	15	28	16	28	12	28	11	29	14	30	15	31	12	31	12	31	10·5	30	9·5	32	12	30	7·5	1	7·5	32	9·5	32	8·5	28	8·5	27	14	27	15	27	13	27	11	27	11	27	7·5	27	12	13
14	27	13	27	8·5	27	6·5	27	5·5	27	11	27	13	27	9·5	29	12	28	12	28	11	28	14	29	10·5	30	9·5	0	11	29	13	32	14	1	12	1	13	32	15	32	15	32	14	1	19	1	18	2	19	14
15	1	19	1	19	2	19	1	15	2	18	32	19	1	20	1	17	1	21	1	22	32	25	32	25	32	27	2	25	32	27	32	29	32	26	32	27	32	26	1	27	2	29	1	26	1	28	1	26	15
16	1	22	32	15	32	13	1	15	4	20	3	22	1	18	3	22	32	17	1	14	1	17	2	17	2	21	2	20	2	21	2	23	32	18	32	16	32	16	31	15	32	16	32	19	31	15	30	19	16
17	31	18	1	19	3	19	32	17	2	21	32	16	32	16	30	15	30	15	31	16	31	18	32	17	32	18	2	18	32	11	30	13	30	13	31	14	30	10·5	30	13	30	11	29	12	29	11	28	14	17
18	28	14	28	12	28	14	28	14	28	12	28	13	28	13	27	13	27	10·5	27	12	27	9·5	27	10·5	27	8·5	7	7·5	27	4·5	23	7·5	25	4	25	4·5	22	4	22	6·5	22	6·5	22	6·5	22	6·5	22	5·5	18
19	22	3	20	5·5	20	5·5	19	8·5	19	7·5	19	8·5	19	6·5	18	10·5	18	7·5	20	15	19	14	18	12	18	12	8	10·5	19	10·5	20	4·5	20	4	18	4	18	6·5	18	4·5	18	6·5	18	6·5	21	4·5	21	4	19
20	21	3	21	4	20	5·5	20	5·5	26	5·5	22	4·5	26	5·5	22	5·5	27	4·5	17	4·5	20	4·5	24	4	24	4	3	6·5	23	5·5	25	7·5	25	6·5	25	6·5	26	6·5	22	4	22	4·5	26	3	26	3	26	4·5	20
21	22	4	22	4·5	25	3	25	3	25	3	25	4·5	25	4	25	4	25	3	25	3	25	3	17	4	20	3	0	6·5	18	6·5	19	4	17	4	17	4·5	17	4·5	18	7·5	19	8·5	26	4·5	26	2	26	3	21
22	25	7·5	20	12	24	9·5	24	7·5	24	4·5	24	6·5	24	4	17	5·5	20	7·5	22	13	19	10·5	21	8·5	21	9·5	7	9	32	10·5	30	9·5	29	10·5	30	8·5	30	9·5	28	6·5	28	12	28	10·5	28	8·5	28	12	22
23	29	7·5	29	8·5	29	7·5	29	9·5	29	10·5	29	9·5	29	10·5	29	10·5	29	9·5	29	9·5	29	8·5	29	7·5	30	6·5	2	6·5	32	7·5	32	7·5	32	6·5	29	9·5	29	7·5	29	7·5	29	8·5	29	9·5	29	10·5	23
24	29	12	29	9·5	29	10·5	29	6·5	31	6·5	8	20	8	31	8	34	8	38	8	24	14	15	13	16	13	25	2	25	10	23	12	22	12	23	12	20	12	12	11	13	11	13	9	21	9	21	10	22	24
25	10	16	8	22	12	16	8	23	8	17	8	14	11	22	8	24	6	23	7	24	7	25	8	27	8	30	7	26	7	29	7	24	7	20	3	14	4	15	4	16	1	13	1	13	3	14	2	14	25
26	3	13	32	11	29	10·5	30	12	30	12	29	12	29	11	30	12	30	11	29	9·5	29	10·5	32	8·5	32	11	3	11	32	8·5	30	9·5	30	10·5	32	11	27	11	4	13	29	11	30	8·5	28	14	27	12	26
27	27	14	27	13	27	14	27	10·5	27	13	28	12	27	11	28	10·5	28	10·5	27	10·5	2	9·5	7	18	7	20	6	26	7	24	6	28	6	25	6	29	6	25	6	25	6	21	6	25	4	18	2	13	27
28	3	14	32	13	32	12	31	13	32	10·5	32	12	32	13	31	11	29	10·5	30	10·5	29	11	28	8·5	28	11	8	15	28	12	28	12	27	15	27	14	27	10·5	26	11	26	9·5	26	9·5	21	7·5	21	4·5	28
29	21	4·5	21	4·5	21	4·5	21	5·5	21	6·5	21	6·5	21	8·5	20	6·5	17	6·5	18	6·5	18	6·5	19	6·5	18	5·5	5	5·5	18	2	25	5·5	21	6·5	12	7·5	14	6·5	14	3	20	6·5	20	6·5	20	6·5	29
30	17	6·5	20	5·5	20	5·5	20	5·5	20	5·5	20	4·5	20	3	20	4	20	5·5	20	5·5	20	4·5	19	3	19	5·5	4	4	19	4	19	4·5	19	4·5	20	4	20	3	20	4	20	3	20	3	20	4	24	4·5	30
31																																																	31

RAINFALL

GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	·015	·040	·005	·015	.	·015	·005	.	.	.	.	.	.	.	.	.	.	.	·005	·005	.	·005	.	.	1
2	.	.	.	.	·005	·010	.	.	·005	.	.	.	.	.	.	.	.	.	.	·020	·010	·005	·005	.	2
3	.	.	.	·005	·005	·010	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	·005	.	3
4	.	·005	.	.	.	.	·005	·005	·015	·005	.	·020	.	·010	.	.	.	.	.	.	.	.	.	.	4
5	·005	.	.	.	.	·005	·010	.	·010	.	·005	·005	·005	·025	.	·010	·015	.	.	·005	.	·025	·025	·040	5
6	·030	·025	·015	·020	·060	·025	·010	·005	·010	·055	.	.	·015	·010	·005	.	.	·035	·005	·015	·005	.	.	.	6
7	.	.	·025	·005	.	.	·040	·020	.	.	·005	.	.	.	.	.	.	.	.	.	.	Melted Snow			7
8	.	.	.	.	.	.	.	.	.	·015	.	.	.	.	.	.	.	.	.	.	.	·025	·020	·005	8
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·030	·070	·070	9
10	·160	·040	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·020	·010	·020	·060	·125	10
11	·045	·020	.	·005	.	.	·045	·020	·005	·005	.	.	.	.	.	.	.	Snowing...				·030	·030	·020	11
12	·020	·010	·005	·010	·005	·010	·005	·005	.	·060	·050	·010	.	·030	·035	·055	·030	·070	·030	·015	·015	·020	.	·020	12
13	.	·080	·010	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	·010	.	·010	.	.	.	.	14
15	·010	.	·005	.	·005	.	.	.	.	.	.	.	.	.	·010	.	.	.	·010	·040	·010	.	.	·050	15
16	·030	·060	·010	·005	·025	·010	·005	·005	·010	·005	.	.	.	·010	.	.	·005	·005	.	·005	.	.	·015	.	16
17	.	.	·010	·020	·020	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	·005	·005	.	.	.	.	·010	.	.	.	.	.	·005	.	.	·005	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·020	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	·005	.	.	.	.	23
24	.	.	·015	·020	·025	·005	·005	·035	·090	.	.	.	.	·035	·065	·040	·080	·030	·080	·030	·015	·015	·025	·015	24
25	·030	·010	·010	·005	·005	·015	·005	·010	.	·020	·005	·015	·010	.	·010	.	·010	.	·050	·020	·010	.	.	.	25
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·005	·010	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	·015	.	.	.	.	.	.	.	.	.	.	27
28	.	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·015	·005	·005	·085	·015	·005	29
30	·005	·005	·005	.	.	.	.	·005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·015	·010	30
31																									31

340 330 285 130 110 150 105 130 110 150 055 060 055 030 145 125 115 140 170 205 205 090 230 260 340

9 9 9 *Record defective or Instrument out of action 3 8 5 4 15 6 8 15 9 9 11 9

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	·237	·228	·236	·220	·228	·217	·205	·215	·207	·214	·216	·214	·212	·203	·198	·202	·201	·224	·214	·206	·205	·206	·190	1
2	·196	·194	·202	·218	·214	·212	·213	·217	·202	·208	·212	·214	·220	·216	·216	·226	·233	·232	·243	·242	·240	·229	·224	2
3	·229	·220	·227	·229	·219	·215	·217	·218	·223	·224	·225	·231	·227	·226	·219	·212	·215	·218	·217	·221	·215	·213	·208	3
4	·198	·199	·200	·209	·226	·254	·250	·229	·225	·226	·225	·234	·214	·207	·211	·203	·203	·196	·194	·196	·195	·188	·193	4
5	·197	·201	·212	·202	·204	·213	·210	·216	·222	·234	·223	·247	·230	·217	·206	·206	·205	·196	·207	·188	·204	·193	·198	5
6	·204	·208	·214	·221	·221	·215	·221	·220	·220	·205	·210	·219	·202	·203	·212	·200	·211	·203	·215	·215	·203	·203	·196	6
7	·195	·205	·202	·205	·202	·204	·202	·204	·205	·201	·201	·205	·200	·197	·194	·191	·189	·180	·180	·175	·176	·178	·175	7
8	·180	·175	·178	·170	·164	·181	·177	·178	·177	·165	·159	·177	·172	·150	·138	·127	·142	·158	·186	·185	·173	·193	·181	8
9	·152	·145	·141	·140	·136	·131	·135	·144	·158	·149	·153	·152	·158	·164	·172	·172	·180	·181	·179	·199	·213	·222	·231	9
10	·224	·236	·219	·198	·191	·183	·190	·191	·209	·208	·215	·225	·235	·221	·218	·214	·204	·216	·236	·232	·220	·224	·221	10
11	·204	·197	·181	·190	·192	·193	·193	·171	·155	*	·141	·154	·154	·156	·158	...	...	*	*	...	...	·148	·156	11
12	·165	·159	·161	·160	·160	·169	·179	·190	·199	·210	·222	·219	·216	·217	·215	·217	·216	·213	·219	·219	·219	·210	·213	12
13	·212	·217	·210	·208	·198	·187	·187	·198	·196	·206	·217	·222	·214	·212	·209	·196	·200	·194	·192	·186	·186	·193	·196	13
14	·205	·206	·199	·195	·189	·188	·180	·182	·195	·207	·215	·208	·225	·228	·218	·212	·221	·205	·203	·206	·209	·214	·214	14
15	·233	·236	·227	·225	·226	·227	·220	·228	·246	·249	·244	·239	·233	·237	·213	·223	·232	·232	·241	·216	·216	·219	·221	15
16	·220	·224	·223	·232	·218	·225	·216	·208	·227	·229	·224	·227	·222	·215	·221	·224	·215	·211	·200	·216	·217	·213	·210	16
17	·216	·228	·225	·232	·234	·219	·223	·220	·227	·241	·243	·237	·223	·220	·220	·213	·207	·203	·202	·206	·199	·192	·196	17
18	·194	·194	·204	·206	·201	·204	·204	·206	·210	·224	·234	·242	·241	·232	·217	·209	·200	·200	·197	·191	·186	·184	·175	18
19	·172	·176	·182	·188	·188	·187	·181	·184	·187	·191	·197	·203	·208	·202	·201	·201	·195	·192	·194	·187	·185	·187	·189	19
20	·190	·188	·189	·195	·196	·195	·207	·229	·229	·253	·270	·287	·291	·292	·277	·275	·274	·273	·277	·273	·269	·277	·267	20
21	·266	·268	·268	·266	·266	·267	·264	·267	·278	·288	·305	·305	·298	·296	·282	·284	·282	·278	·267	·254	·237	·231	·220	21
22	·211	·208	·204	·201	·192	·192	·195	·201	·211	·211	·224	·233	·247	·241	·234	·236	·225	·213	·215	·198	·190	·194	·190	22
23	·185	·188	·188	·190	·186	·188	·187	·187	·183	·184	·178	·182	·180	·180	·181	·183	·180	·182	·184	·182	·180	·182	·178	23
24	·172	·175	·184	·190	·198	·219	·221	·231	·238	·213	·218	·223	·225	·239	·232	·229	·231	·234	·228	·230	·230	·236	·226	24
25	·237	·234	·230	·224	·237	·237	·226	·237	·234	·234	·230	·230	·227	·225	·215	·219	·223	·229	·226	·213	·199	·189	·177	25
26	·172	·172	·173	·187	·189	·187	·183	·185	·182	·191	·180	·183	·185	·179	·181	·169	·173	·178	·181	·178	·176	·176	·173	26
27	·172	·169	·167	·166	·168	·166	·164	·161	·168	·160	·158	·157	·166	·167	·161	·157	·165	·168	·160	·185	·152	·161	·165	27
28	·170	·168	·162	·164	·169	·160	·157	·155	·157	·161	·173	·177	·183	·184	·177	·180	·164	·166	·151	·147	·140	·138	·139	28
29	·120	·125	·121	·116	·112	·112	*	*	·136	*	*	·182	·185	·192	·194	·190	·191	·194	·198	·206	·200	·199	·200	29
30	·201	·202	·202	·200	·201	·198	·196	·195	·191	·186	·192	·190	·193	·193	·194	·193	·190	·195	·193	·191	·196	·195	·208	·206	30
31																								31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

FALMOUTH OBSERVATORY LAT. 50°9' N LONG 5°4' W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·768	29·758	29·752	29·738	29·750	29·754	29·756	29·778	29·792	29·797	29·801	29·809	29·817	29·825	29·839	29·869	29·887	29·909	29·927	29·951	29·964	29·975	29·983	29·985	1
2	29·995	29·991	29·971	29·959	29·959	29·955	29·959	29·977	29·987	29·991	30·011	30·013	30·014	30·025	30·039	30·055	30·083	30·099	30·104	30·109	30·121	30·135	30·135	30·133	2
3	30·127	30·121	30·120	30·117	30·121	30·113	30·107	30·107	30·109	30·103	30·085	30·067	30·039	30·027	30·012	30·002	29·987	29·979	29·957	29·941	29·923	29·909	29·892	29·879	3
4	29·851	29·833	29·815	29·781	29·761	29·739	29·725	29·715	29·697	29·672	29·659	29·627	29·611	29·591	29·567	29·564	·561	·561	·553	·557	·567	·574	·583	·587	4
5	·599	·611	·621	·633	·659	·670	·687	·721	·730	·741	·749	·735	·719	·712	·717	·725	·723	·735	·724	·717	·710	·693	·679	·655	5
6	·644	·627	·615	·597	·587	·571	·563	·553	·545	·541	·537	·517	·509	·507	·505	·513	·519	·525	·531	·533	·537	·549	·557	·557	6
7	·567	·571	·575	·579	·589	·596	·613	·637	·655	·665	·674	·672	·672	·672	·676	·676	·676	·682	·688	·688	·678	·670	·656	·640	7
8	·612	·583	·550	29·508	29·466	29·414	29·388	29·380	29·366	29·368	29·396	29·425	29·456	29·494	29·545	29·594	29·636	·682	·704	·743	·786	·823	·868	·906	8
9	·932	·964	·984	30·004	30·026	30·044	30·064	30·090	30·082	30·092	30·105	30·097	30·090	30·076	30·060	30·037	30·016	·994	·960	·914	·884	·844	·796	·742	9
10	·688	·644	·595	29·548	29·498	29·437	29·402	29·362	29·320	29·258	29·203	29·227	29·218	29·221	29·217	29·213	29·193	·185	·189	·197	·221	·253	·273	·307	10
11	·337	·371	·396	·425	·433	·463	·473	·501	·527	·551	·555	·545	·525	·503	·475	·443	·425	·421	·421	·417	·421	·425	·417	·413	11
12	·391	·381	·343	·301	·259	·221	·131	·105	·076	·038	·017	·014	·025	·032	·093	·080	·110	·146	·155	·164	·185	·214	·222	·242	12
13	·248	·255	·262	·280	·288	·296	·308	·332	·344	·352	·359	·349	·349	·351	·357	·356	·375	·384	·393	·406	·416	·425	·436	·439	13
14	·436	·443	·451	·455	·461	·471	·484	·505	·515	·521	·527	·511	·497	·491	·489	·489	·489	·493	·485	·481	·473	·469	·461	·437	14
15	·432	·417	·407	·393	·387	·365	·353	·341	·327	·327	·324	·316	·320	·322	·324	·340	·342	·345	·348	·340	·346	·338	·336	·326	15
16	·320	·314	·308	·306	·308	·306	·306	·310	·308	·304	·302	·283	·264	·251	·244	·242	·250	·278	·296	·313	·331	·350	·366	·378	16
17	·388	·394	·406	·426	·436	·461	·466	·484	·506	·522	·526	·520	·536	·556	·548	·583	·606	·620	·646	29·664	29·686	29·696	29·716	29·722	17
18	29·724	29·731	29·728	29·742	29·754	29·772	29·791	29·810	29·841	29·866	29·873	29·873	29·883	29·905	29·913	29·933	29·948	29·975	29·991	30·003	30·019	30·033	30·051	30·057	18
19	30·065	30·075	30·089	30·093	30·108	30·125	30·143	30·167	30·177	30·193	30·202	30·192	30·192	30·186	30·192	30·197	30·212	30·219	30·226	·230	·244	·242	·236	·230	19
20	·220	·214	30·214	30·200	30·194	30·186	30·179	30·188	30·188	30·182	30·182	30·161	30·143	30·118	30·107	30·097	30·091	30·087	30·085	30·083	30·079	30·065	30·047	30·036	20
21	30·022	30·007	29·985	29·969	29·961	29·957	29·963	29·963	29·963	29·951	29·952	29·926	29·923	29·904	29·904	29·900	29·902	29·898	29·888	29·886	29·888	29·876	29·874	29·874	21
22	29·864	29·852	·845	·836	·838	·836	·840	·844	·846	·842	·845	·827	·808	·799	·785	·780	·785	·788	·789	·785	·781	·773	·769	·763	22
23	·747	·736	·737	·727	·719	·709	·699	·703	·701	·703	·693	·675	·657	·623	·603	·591	·583	·565	·551	·528	·505	·473	·457	·428	23
24	·409	·375	·329	·281	·249	·217	·200	·190	·181	·185	·184	·156	·142	·118	·116	·114	·112	·096	·088	·086	·084	·084	·087	·096	24
25	·100	·122	·136	·138	·147	·154	·166	·186	·202	·209	·214	·202	·196	·184	·184	·184	·187	·192	·196	·198	·202	·202	·204	·204	25
26	·206	·212	·215	·215	·214	·228	·237	·249	·259	·274	·289	·276	·261	·253	·247	·241	·261	·261	·267	·258	·259	·265	·268	·269	26
27	·268	·273	·267	·253	·245	·243	·249	·266	·279	·275	·270	·249	·243	·227	·229	·231	·243	·260	·267	·271	·279	·292	·290	·299	27
28	·295	·295	·293	·300	·309	·330	·347	·365	·377	·399	·417	·421	·437	·454	·483	·512	·541	·577	·597	·619	·653	·681	·699	·709	28
29	·721	·739	·749	·767	·779	·803	·817	·835	·844	·852	·845	·833	·823	·817	·811	·801	·782	·765	·737	·713	·709	·698	·695	29
30	29·693	29·697	29·710	29·711	29·713	29·731	29·742	29·761	29·777	29·785	29·799	29·793	29·789	29·782	29·780	29·775	29·775	29·762	29·762	29·747	29·738	29·738	29·733	29·719	30
31																									31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	39·3	37·5	39·0	40·0	38·3	39·0	38·6	39·6	40·0	41·2	44·1	43·4	44·6	46·0	46·5	46·7	46·1	44·9	44·4	44·4	43·6	43·8	43·5	43·0	41·7	1
2	41·5	40·7	41·1	41·0	43·0	43·3	43·1	42·7	41·9	45·4	45·3	46·0	45·7	45·6	45·9	45·6	44·6	44·3	45·0	44·5	43·0	43·0	41·4	44·0	40·9	2
3	40·2	39·7	39·7	39·6	39·5	39·7	39·5	40·0	40·4	44·9	47·2	49·0	49·5	48·0	46·9	46·4	44·6	44·4	44·0	44·3	45·2	45·4	45·5	45·7	44·3	3
4	44·8	44·5	44·3	43·9	44·0	44·6	45·0	45·3	45·6	48·0	48·4	48·3	49·2	46·7	46·9	46·6	46·3	46·0	45·2	45·8	44·9	44·9	44·0	42·5	41·9	4
5	41·9	41·0	40·7	40·5	39·7	39·6	40·6	40·3	43·0	44·9	46·0	46·8	47·4	47·5	47·4	45·9	44·6	44·6	44·5	44·5	45·5	45·3	45·7	47·0	43·3	5
6	47·0	47·2	47·5	47·3	47·0	46·9	46·7	46·6	46·8	46·9	47·6	47·9	47·9	45·1	46·1	46·0	46·5	46·3	46·5	44·9	45·0	43·7	43·4	43·6	43·6	6
7	42·8	42·5	41·8	41·1	43·0	42·5	41·0	42·6	44·0	45·6	46·9	47·9	48·4	48·0	46·3	45·2	44·2	42·9	44·1	44·2	42·1	43·0	41·3	42·8	43·1	7
8	42·2	43·5	44·6	44·7	44·9	45·4	46·2	44·9	47·0	43·0	42·0	44·5	46·4	46·2	46·4	45·6	46·2	45·0	44·7	43·4	43·1	42·9	43·0	42·5	43·1	8
9	42·0	41·9	41·2	41·0	41·0	40·6	38·9	39·4	41·7	43·3	44·4	44·7	45·9	45·7	45·4	45·0	44·9	45·5	46·0	45·2	47·2	48·3	49·4	49·9	49·9
10	50·6	50·7	51·0	50·4	50·7	50·5	51·1	51·1	51·6	51·8	52·1	47·8	50·2	49·2	48·7	48·7	48·5	47·0	48·1	48·6	48·3	46·5	46·0	46·4	46·4
11	46·0	45·0	44·7	43·7	- - -	✳	- - -	43·5	43·6	42·9	44·9	46·2	46·7	47·3	45·7	45·5	43·7	44·3	43·9	43·2	42·5	42·5	41·2	39·0	39·0
12	39·1	38·2	37·4	36·5	37·6	38·5	35·1	36·7	39·1	40·6	41·2	41·5	41·5	35·7	33·3	32·8	36·6	37·4	38·3	39·4	40·4	40·2	40·3	40·6	40·6
13	40·7	40·7	41·0	40·2	40·4	39·8	40·4	40·6	41·1	43·1	42·0	43·9	43·6	44·1	43·2	44·0	41·0	42·3	41·7	42·5	42·3	43·3	42·9	43·0	43·0
14	43·1	43·2	43·0	42·3	42·4	42·2	42·6	42·3	43·6	44·4	45·0	45·7	46·5	46·4	46·0	43·9	42·7	43·7	43·8	43·5	43·0	42·1	41·9	40·9	40·3
15	42·1	40·6	41·6	42·4	41·7	43·3	44·2	44·0	44·2	43·8	44·6	45·1	46·2	46·7	45·7	45·0	43·9	44·7	45·1	45·3	45·2	44·7	44·0	44·2	43·8
16	44·0	43·6	43·7	43·5	41·6	41·3	41·7	42·8	43·0	44·4	45·5	43·5	44·5	44·9	45·9	44·7	45·5	44·9	44·4	44·3	44·2	43·9	44·3	43·8	43·8
17	42·7	44·0	44·3	44·4	44·3	43·2	43·9	44·4	44·3	43·4	45·9	47·4	45·5	45·5	45·9	46·0	45·7	45·4	46·7	46·2	46·4	45·7	45·7	45·2	45·2
18	45·4	45·3	45·6	44·9	45·3	45·0	45·2	45·0	45·8	46·6	47·6	47·6	47·6	47·9	47·2	47·7	46·7	45·5	45·6	45·1	44·0	44·1	44·3	44·0	42·0	41·1
19	40·9	40·4	40·2	40·3	39·0	38·8	38·5	38·4	38·9	41·2	43·2	44·2	44·7	45·3	46·0	46·5	46·0	45·6	45·0	43·2	41·4	41·2	40·8	39·4	39·4
20	39·0	38·7	38·7	38·6	39·4	38·2	38·5	37·1	38·0	38·9	40·6	43·2	43·4	43·4	43·0	42·4	41·6	41·2	40·3	39·5	39·4	39·0	38·7	38·5	38·5
21	38·3	38·2	38·2	38·3	39·0	38·4	37·7	37·0	37·5	38·2	38·7	38·6	37·9	37·9	36·6	36·2	36·3	36·5	36·8	36·4	36·3	36·5	36·5	36·4	36·4
22	36·7	36·9	37·5	37·9	38·2	38·0	38·1	38·3	38·7	39·6	40·5	41·7	42·5	42·8	43·0	43·3	43·3	43·3	42·4	42·4	42·0	42·1	43·7	46·6	46·6
23	46·7	46·5	45·6	45·7	45·9	46·2	46·3	45·8	45·5	45·2	45·9	45·9	45·8	45·7	45·4	45·6	44·5	45·6	45·3	44·9	44·1	43·7	43·6	43·9	43·8
24	44·0	44·3	44·1	44·3	45·2	45·4	46·7	48·0	49·4	50·6	52·0	53·1	53·3	52·9	53·4	52·8	52·3	51·9	51·2	51·1	51·0	51·0	47·8	46·4	46·4
25	45·9	45·4	45·3	45·3	45·6	45·4	45·5	45·6	45·6	45·9	46·4	47·0	46·9	46·4	46·8	45·6	45·1	45·0	44·8	44·3	44·2	43·8	43·0	43·0	43·0
26	43·6	43·4	43·4	43·5	43·7	42·7	43·4	43·2	42·3	41·9	43·6	44·8	45·3	45·6	45·3	44·8	44·0	43·6	43·2	42·6	42·3	42·2	42·3	42·0	42·0
27	41·7	42·5	42·3	41·8	41·3	41·5	41·9	41·0	41·3	42·7	43·6	43·8	43·9	43·6	43·3	42·8	42·4	42·6	41·4	40·5	40·7	40·0	39·9	39·5	39·5
28	39·0	38·5	37·0	38·9	38·7	38·4	37·9	37·3	36·7	36·5	36·0	35·2	35·7	35·7	36·6	36·6	36·6	36·6	36·9	38·3	38·8	38·8	38·8	38·7	39·5	38·7
29	38·7	38·0	37·3	36·9	36·4	37·0	35·6	36·2	37·9	39·2	39·4	40·7	43·0	43·2	42·8	42·2	41·0	40·7	41·9	42·7	44·8	44·0	45·1	44·7	44·5
30	44·5	43·6	44·0	44·3	43·3	43·9	44·4	43·0	44·4	44·6	46·9	47·4	47·0	46·9	46·4	45·3	44·3	43·3	43·2	43·4	43·4	43·9	43·8	43·0	43·5
31																									31

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
37·3	36·4	37·0	37·7	37·0	37·8	37·3	38·3	38·2	39·4	41·0	40·1	41·9	41·5	41·7	41·8	41·0	40·6	40·9	40·6	40·9	40·6	40·2	39·4	1
40·3	39·9	39·5	39·5	40·0	39·7	39·5	40·0	39·9	41·6	41·4	40·9	39·8	40·0	40·7	40·9	40·8	40·3	40·3	40·3	39·6	39·8	39·1	38·4	2
38·2	37·7	37·8	38·5	37·6	38·0	38·0	37·8	38·5	42·7	44·4	44·4	44·5	45·3	44·9	45·4	43·4	43·3	43·2	43·4	44·2	44·3	44·3	43·3	3
43·7	43·6	43·6	43·0	43·2	43·4	43·8	43·8	43·5	45·6	45·0	45·5	45·1	45·0	44·7	44·3	44·6	44·0	43·7	43·3	42·6	42·0	41·2	39·8	4
39·1	38·4	37·6	37·5	37·4	36·9	37·6	37·9	39·5	41·0	41·1	41·3	41·4	41·1	41·1	41·8	42·0	42·4	44·9	42·0	42·7	42·0	42·7	43·0	5
42·7	42·7	43·1	43·2	43·9	43·9	*	41·7	42·0	42·5	41·9	42·1	42·4	42·4	42·5	42·2	42·3	42·0	41·8	42·5	41·9	41·9	41·3	41·3	6
41·4	41·4	40·3	39·3	40·5	39·5	38·4	39·5	40·3	41·9	42·6	42·9	43·5	42·5	42·9	42·4	42·0	40·5	39·0	40·2	39·5	39·7	39·3	39·5	7
39·3	40·6	42·7	42·9	43·2	43·5	44·0	41·9	42·4	40·9	40·0	41·3	42·8	41·9	41·6	40·9	41·4	40·8	39·5	39·2	39·3	38·1	38·5	38·4	8
37·9	37·8	37·9	37·5	37·9	37·9	36·9	37·0	37·7	38·2	38·4	38·9	39·5	40·0	40·0	40·1	40·6	41·4	42·5	42·6	44·0	44·8	45·5	45·5	9
47·0	48·2	49·0	49·0	49·7	49·7	50·3	50·3	50·6	50·8	51·2	45·8	47·7	45·6	44·8	44·6	45·2	44·9	45·9	45·5	45·3	43·8	43·9	43·7	10
42·7	41·8	41·5	40·0	- - -	✳	- - -	39·9	39·2	40·2	41·6	42·7	42·8	42·9	42·7	43·3	42·0	40·5	39·7	38·5	38·0	37·6	36·4	35·4	11
34·9	34·3	33·3	33·0	34·5	35·0	34·3	35·9	38·1	39·4	39·5	39·0	39·0	34·8	33·2	32·7	33·6	33·5	35·5	36·8	37·3	37·3	37·6	38·4	12
38·8	39·1	38·7	38·3	38·5	38·4	38·4	38·8	39·0	40·2	40·0	41·4	41·4	40·3	40·4	40·8	39·6	40·4	39·5	40·5	39·4	40·5	40·0	40·0	13
39·7	39·3	39·3	38·4	38·3	38·4	38·7	38·6	38·9	39·5	40·0	39·5	40·5	41·2	42·4	41·6	41·0	41·2	41·3	40·6	40·8	40·4	40·0	39·0	14
40·0	38·7	38·0	38·5	39·9	40·6	41·5	41·2	41·3	42·1	42·9	43·4	43·6	43·7	43·3	42·6	42·1	41·9	42·2	42·2	42·1	41·9	41·7	41·2	15
40·6	40·0	39·1	38·5	39·3	38·5	38·6	39·9	40·5	41·1	41·4	41·2	42·3	43·0	43·3	42·7	43·5	43·3	42·3	42·2	40·9	41·0	41·7	40·6	16
41·0	41·0	41·7	41·9	41·3	41·5	41·5	41·1	41·3	41·3	43·3	44·0	41·9	40·8	42·9	42·2	42·3	41·9	42·7	42·6	43·0	42·5	42·5	42·0	17
41·9	41·7	42·0	41·7	42·0	41·6	42·1	41·9	42·5	42·7	43·1	43·0	43·5	42·6	43·1	43·0	42·4	42·1	42·0	40·9	40·9	40·2	39·4	39·0	18
39·0	38·5	38·2	38·2	37·5	37·3	37·0	36·9	37·3	39·2	41·0	41·8	41·5	42·1	42·9	43·4	43·6	43·0	42·4	41·3	39·9	39·6	39·1	38·0	19
37·6	37·4	37·5	37·5	38·3	37·3	37·5	36·3	37·2	37·6	38·7	40·0	40·1	40·0	38·8	39·3	38·8	38·5	38·0	37·3	37·0	36·5	36·5	36·3	20
36·4	36·1	36·3	36·4	36·5	36·3	35·5	35·2	35·3	36·1	36·5	36·5	36·0	36·7	34·7	34·3	34·4	34·8	35·0	34·7	34·8	34·7	35·0	35·0	21
35·3	35·4	36·9	36·3	36·5	36·4	36·5	36·7	36·9	37·5	38·5	39·4	39·9	40·4	40·6	40·7	41·0	40·8	40·0	40·3	40·0	40·2	42·0	42·2	22
42·0	43·0	43·0	42·9	43·0	43·0	43·1	42·8	42·6	42·6	42·7	42·9	42·8	42·4	41·5	42·1	42·4	41·9	42·1	42·0	41·9	41·4	40·9	41·5	23
42·0	42·4	42·8	42·7	43·4	44·5	44·9	47·4	48·6	50·1	51·4	52·2	52·4	51·8	52·1	51·3	50·8	50·5	49·5	49·7	50·2	50·3	47·3	45·6	24
45·2	44·5	43·9	44·1	44·4	44·3	44·0	43·7	43·8	43·9	43·6	43·8	45·0	44·6	44·8	44·3	43·8	43·4	42·9	42·4	42·2	42·6	42·3	41·5	25
41·6	41·6	41·5	41·8	42·0	41·4	41·9	41·7	40·7	40·3	41·3	42·3	42·4	42·0	42·2	41·7	41·6	41·0	41·0	40·0	39·5	39·2	39·1	39·2	26
39·0	38·5	38·3	37·8	37·9	37·8	38·0	37·8	38·0	39·1	39·5	40·0	40·0	39·5	39·6	39·4	39·0	38·7	39·0	37·4	38·0	37·6	37·3	37·5	27
37·3	37·3	36·0	37·5	37·1	37·2	36·9	36·3	36·0	35·7	35·6	34·9	35·2	35·0	35·8	35·7	35·8	35·7	36·7	36·7	36·2	36·0	36·0	35·2	28
35·3	35·0	34·6	34·4	34·0	34·4	33·9	33·9	34·8	35·2	35·7	36·6	39·6	38·6	38·3	38·4	38·8	39·8	41·0	41·8	43·7	43·0	43·9	43·4	29
42·6	41·9	42·2	42·0	41·3	41·9	41·5	40·6	42·0	42·4	43·3	43·7	43·4	43·0	42·4	41·8	41·4	41·4	41·6	41·8	42·0	42·3	41·7	42·2	30
																								31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT: 50° 9' N. LONG: 5° 4' W. HOURLY VALUES November 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1		2		3		4		5		6		7		8		9		10		11		M.DT.		DAYS
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	32	7·5	32	5·5	1	14	1	19	28	10·5	4	10·5	29	13	31	15	1	14	32	14	3	30	1	26	1	25	1	28	1	25	2	17	1	18	31	17	31	15	30	8·5	30	7·5	30	6·5	30	9·5	30	5·5	1
2	28	9·5	29	8·5	25	17	29	10·5	31	14	29	17	30	16	1	19	30	18	32	17	1	21	2	25	2	27	2	22	2	18	2	17	2	15	2	16	4	23	3	21	1	17	2	14	2	9·5	32	7·5	2
3	32	5·5	32	5·5	32	7·5	32	5·5	32	4·5	32	4·5	32	4·5	32	4	32	4	32	4	28	8·5	29	12	29	13	1	7·5	2	6·5	2	13	31	7·5	29	7·5	29	6·5	29	10·5	29	10·5	29	12	29	7·5	29	6·5	3
4	29	5·5	29	5·5	29	5·5	29	4·5	29	6·5	28	10·5	28	8·5	28	7·5	28	8·5	27	11	30	16	28	18	29	18	8	16	28	15	29	19	29	15	32	14	32	13	32	14	32	16	32	12	1	17	32	16	4
5	2	15	2	19	2	22	1	20	2	16	1	19	2	20	1	16	1	20	2	17	2	22	32	23	32	27	2	29	32	20	32	16	30	12	32	14	32	17	32	10·5	32	15	32	17	29	21	29	23	5
6	29	22	29	25	29	26	30	26	30	27	30	28	29	29	30	33	30	31	30	29	30	36	30	33	30	33	0	25	29	24	30	23	30	23	29	22	30	20	1	21	31	20	29	18	27	13	27	14	6
7	30	8·5	2	6·5	31	9·5	31	9·5	30	15	29	11	29	8·5	29	8·5	29	8·5	30	8·5	3	5·5	1	10·5	32	10·5	0	10·5	28	11	28	9·5	27	9·5	27	10·5	27	12	26	12	26	16	25	15	24	13	24	18	7
8	24	16	22	17	24	21	24	25	24	26	24	28	25	37	26	37	25	43	26	37	26	36	27	40	28	35	8	41	28	35	28	38	29	37	28	34	29	34	28	35	28	31	28	28	30	23	29	25	8
9	30	24	29	22	28	20	29	19	29	19	29	13	29	9·5	29	10·5	29	8·5	26	14	28	11	27	10·5	25	12	4	12	22	10·5	22	10·5	21	9·5	20	16	20	22	20	22	20	26	20	30	20	33	20	36	9
10	20	43	21	46	21	47	21	44	21	44	21	45	21	47	20	47	20	50	20	46	20	46	24	31	24	33	5	35	25	35	24	29	23	28	24	33	25	29	26	31	26	33	27	27	28	28	28	28	10
11	28	33	28	29	28	29	28	37	28	30	28	27	28	35	28	30	27	27	28	18	26	23	25	28	25	27	5	28	24	23	24	26	26	31	26	27	26	29	28	27	27	30	27	28	28	27	28	24	11
12	26	21	25	19	25	15	24	11	19	8·5	20	8·5	12	20	11	20	10	22	10	30	11	26	19	14	16	12	4	39	4	24	2	43	2	37	2	30	2	30	2	27	2	20	3	20	2	20	2	17	12
13	1	18	2	14	1	24	30	33	31	29	32	26	32	24	1	17	1	21	32	21	32	27	31	30	32	28	0	34	30	34	30	32	32	31	30	25	30	21	1	11	32	15	32	19	1	18	1	17	13
14	32	17	1	19	32	20	32	21	31	23	31	20	32	20	31	18	32	17	31	24	31	28	32	25	32	28	1	26	30	23	30	21	30	16	30	19	30	20	30	19	29	15	29	13	32	13	28	16	14
15	30	20	30	17	31	16	31	16	30	18	30	26	30	31	29	32	28	37	30	34	31	34	32	29	32	31	2	28	32	29	30	34	30	32	30	35	30	34	30	32	29	34	29	30	28	32	29	32	15
16	29	26	29	25	29	26	30	25	30	30	29	30	29	22	29	22	30	24	29	26	28	30	28	24	28	22	8	29	29	28	28	30	30	32	30	25	29	22	30	17	30	21	30	17	32	14	31	21	16
17	29	17	30	21	30	21	29	19	29	20	32	18	30	22	31	22	32	26	30	25	29	27	30	26	30	25	2	23	31	27	31	20	32	18	32	21	32	21	32	21	31	20	31	20	31	19	31	20	17
18	30	21	31	20	30	27	31	22	31	22	32	23	32	24	31	24	1	21	1	20	1	30	32	25	1	27	2	21	1	22	32	19	32	20	2	15	2	13	32	18	2	17	32	14	32	13	32	15	18
19	1	12	31	14	32	13	2	17	32	13	1	12	2	12	2	9·5	2	8·5	2	8·5	8	18	8	14	8	14	8	13	8	11	8	11	8	9·5	8	8·5	6	8·5	7	7·5	7	4	7	4·5	7	7·5	2	7·5	19
20	1	8·5	1	6·5	1	4·5	1	6·5	1	5·5	1	5·5	4	4·5	4	6·5	4	5·5	4	5·5	3	9·5	5	16	6	15	6	16	5	14	5	15	4	14	2	13	2	13	32	12	32	12	32	12	32	9·5	32	10·5	20
21	32	7·5	32	8·5	32	10·5	32	8·5	3	12	3	7·5	3	6·5	30	4·5	31	4	31	2	32	5·5	1	6·5	1	5·5	1	6·5	1	6·5	1	4·5	1	5·5	1	5·5	1	5·5	1	6·5	1	5·5	32	5·5	1	5·5	1	7·5	21
22	1	7·5	1	6·5	1	6·5	1	5·5	1	5·5	1	5·5	1	5·5	1	4·5	1	5·5	1	5·5	1	5·5	1	4	6	10·5	6	12	6	12	7	15	8	13	8	13	5	12	5	10·5	4	8·5	4	9·5	4	10·5	14	14	22
23	13	18	11	17	18	11	18	11	16	10·5	14	13	14	20	15	20	14	22	15	22	13	26	13	24	12	26	1	28	11	27	9	28	10	27	10	30	10	29	11	32	11	34	10	31	11	31	10	27	23
24	10	26	10	26	10	28	10	27	10	27	10	25	11	27	12	18	14	14	14	10·5	15	17	18	21	18	24	8	25	18	22	18	20	19	18	19	16	19	17	19	20	19	18	23	14	28	12	29	18	24
25	29	18	30	18	30	10·5	30	10·5	28	12	28	13	29	6·5	29	7·5	29	7·5	29	7·5	29	9·5	29	5·5	29	5·5	9	4·5	30	6·5	30	4·5	30	4	30	5·5	30	4·5	30	4·5	30	5·5	30	4·5	30	4·5	30	4	25
26	30	4·5	30	4	30	4·5	30	4	30	4	30	4·5	30	4·5	30	5·5	32	5·5	32	6·5	31	6·5	3	6·5	3	6·5	3	5·5	3	6·5	3	6·5	3	6·5	3	9·5	3	11	3	12	32	13	2	15	3	12	2	14	26
27	32	11	2	10·5	3	14	2	17	2	16	1	22	1	21	32	15	32	13	2	18	2	26	32	23	32	22	2	23	32	24	1	18	2	17	32	20	31	19	32	16	30	19	32	18	30	18	32	12	27
28	30	13	28	14	28	15	29	13	32	11	32	12	32	17	32	20	2	23	2	20	2	22	2	21	1	23	1	23	2	22	2	26	2	28	2	30	2	28	2	27	2	28	2	20	2	20	2	22	28
29	1	22	1	21	1	19	1	22	32	18	32	18	1	12	1	9·5	32	14	32	11	32	10·5	32	6·5	29	12	8	11	27	10·5	27	12	25	13	23	15	23	13	25	12	26	16	29	16	28	12	28	16	29
30	28	20	31	20	29	12	30	18	29	18	29	15	29	16	30	14	30	13	31	19	30	19	28	16	29	15	8	14	28	9·5	28	7·5	28	4·5	28	4·5	28	3	28	2	28	2	28	2	28	2	28	2	30
31																																																	31

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1					·070	·010	·070	·010																
2	·035		·005	·070					·055															
3						·005			·005							·015	·135	·140	·045	·005	·010	·005	·005	
4	·050	·015	·005	·005	·005	·010	·005						·010	·045	·005		·040		·010					
5	–	†·005								·005			·005			·005	·005	·005	·020	·005		·005		
6												·005	·005		·005		·005				·020		·040	
7	·060	·010					·005			·005														
8			·010	·090	·040	·030	·050	·115		·055	·150	·030	·005											
9																								·007
10			·003	·030	·035	·075	·020	·110	·160	·160	·110	·180	·010	·010					·010	·005		·010	·090	·020
11	·010	·005	·030							·005						·010	·070	·035					·015	·005
12						·005	·180	·090	·010	·010	·005	·005		·030	·020	·040	·050	·060	·060	·075	·065	·040	·015	
13	·015		·005	·040	·065	·025	·005	·005			·005	·020	·005	·085	·075		·030	·025	·025			·015	·005	
14																·010	·010			·005	·005	·045	·015	
15	·005	·005			·015	·020	·035		·010	·055	·120	·040	·005	·005	·045	·015	·070	·025	·025	·010				·005
16						·050			·010	·030		·020	·040	·040	·010	·110	·010	·005	·025			·010		·005
17		·005		·050	·010	·135			·040	·035			·015	·035	·010									
18										·005														
19																								·005
20				·005																				
21																								
22																								
23																								
24			·025	·005	·005	·010	·010	·005	·005			·005	·050	·010	·005						·005	·005		·005
25				·005							·005			·005										
26																								
27																							·005	·005
28		·010	·010					·025	·020	·040	·050	·060	·060	·070	·060	·055	·075	·025	·030	·015		·005		
29		·005																·005	·010	·020	·010	·155	·055	
30	·020	·015								·010														
31																								
057	·195	·075	·093	·300	·245	·375	·380	·360	·315	·415	·445	·365	·210	·335	·235	·260	·500	·325	·260	·140	·115	·295	·245	·057

* Record defective † Instrument out of action ‡ Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·203	·199	·202	·205	·214	·209	·217	·211	·221	·223	·213	·223	·211	·212	·220	·215	·212	·218	·220	·224	·221	·219	·217
2	·237	·224	·225	·215	·207	·205	·218	·224	·222	·220	·205	·189	·193	·203	·208	·215	·208	·202	·202	·208	·211	·214	·205
3	·205	·206	·202	·205	·210	·213	·203	·213	·248	·260	·243	·241	·270	·274	·268	·267	·267	·270	·270	·278	·278	·272	·268
4	·273	·275	·266	·270	·267	·271	·268	·259	·276	·260	·272	·255	·279	·269	·265	·274	·265	·266	·252	·246	·234	·228	·216
5	·204	·193	·194	·199	·191	·194	·202	·206	·215	·209	·204	·201	·195	·208	·226	·245	·235	·239	·253	·229	·244	·247	·239
6	·225	·231	·234	·251	·252	*	†·213	·216	·225	·207	·209	·214	·240	·234	·229	·226	·222	·216	·244	·231	·245	·236	·234
7	·248	·233	·220	·225	·211	·204	·210	·211	·226	·226	·223	·231	·215	·239	·239	·242	·226	·212	·220	·215	·210	·218	·208
8	·221	·252	·255	·258	·260	·263	·232	·222	·232	·225	·225	·236	·221	·214	·208	·220	†·211	·191	·197	·201	·184	·189	·192
9	·188	·194	·189	·195	·199	·198	·195	·187	·181	·176	·182	·183	·192	·194	·199	·208	·218	·235	·243	·251	·257	·262	·256
10	·307	·323	·330	·345	·347	·355	·355	·356	·359	·365	·283	·300	·266	·253	·249	·263	·273	·282	·269	·267	·255	·263	·254
11	·229	·227	·208	---	-*-	---	†·208	†·195	†·220	†·226	†·236	†·232	†·228	·241	·255	·247	·212	·201	·186	·186	·180	·169	·171
12	·160	·151	·154	·169	·169	·189	·202	·219	·227	·223	·211	·211	·192	·188	·185	·163	·154	·179	·191	·190	·192	·197	·208
13	·220	·210	·211	·213	·217	·211	·215	·214	·218	·225	·233	·236	·238	·221	·220	·227	·230	·219	·230	·211	·222	·216	·215
14	·200	·202	·194	·191	·195	·196	·197	·190	·194	·197	·184	·194	·207	·233	·237	·237	·231	·232	·221	·230	·232	·226	·216
15	·214	·193	·195	·226	·223	·232	·228	·228	·248	·256	·261	·255	·251	·253	·245	·247	·234	·240	·235	·235	·234	·238	·225
16	·210	·193	·185	·216	·204	·202	·215	·225	·222	·218	·233	·245	·254	·251	·251	·260	·261	·246	·245	·220	·225	·235	·217
17	·224	·235	·238	·233	·243	·235	·222	·238	·236	·251	·249	·227	·225	·243	·229	·233	·228	·230	·234	·240	·237	·237	·231
18	·225	·228	·228	·231	·225	·233	·231	·237	·231	·230	·228	·235	·223	·229	·236	·237	·230	·232	·222	·221	·219	·214	·214
19	·213	·209	·208	·209	·207	·204	·202	·206	·217	·232	·238	·227	·233	·242	·247	·257	·248	·241	·238	·229	·225	·219	·214
20	·210	·212	·213	·220	·212	·214	·205	·212	·211	·214	·213	·213	·211	·194	·208	·207	·205	·204	·200	·195	·190	·193	·191
21	·190	·193	·194	·190	·191	·185	·186	·183	·190	·193	·194	·191	·186	·181	·178	·179	·184	·184	·184	·186	·183	·188	·189
22	·190	·193	·196	·197	·197	·198	·200	·200	·202	·212	·217	·218	·225	·226	·225	·231	·227	·221	·227	·225	·228	·247	·222
23	·239	·248	·245	·245	·242	·243	·242	·241	·243	·239	·243	·242	·235	·221	·232	·236	·229	·234	·241	·235	·226	·233	·236
24	·249	·260	·255	·260	·281	·300	·319	·332	·356	·372	·379	·381	·370	·371	·358	·352	·349	·333	·340	·353	·356	·320	·296
25	·283	·270	·274	·280	·278	·271	·264	·265	·267	·258	·256	·275	·267	·278	·274	·265	·261	·251	·247	·249	·255	·252	·245
26	·243	·241	·246	·247	·246	·249	·247	·236	·232	·234	·241	·239	·228	·234	·229	·236	·228	·232	·219	·213	·209	·206	·211
27	·194	·192	·188	·193	·191	·191	·194	·195	·202	·201	·207	·206	·201	·205	·206	·203	·196	·212	·192	·200	·200	·195	·204
28	·210	·200	·210	·204	·208	·207	·203	·204	·201	·204	·200	·200	·196	·201	·199	·201	·196	·200	·196	·187	·184	·177	·170
29	·173	·173	·173	·171	·172	·177	·171	·171	·165	·172	·176	·208	·189	·188	·195	·211	·235	·246	·255	·271	·265	·272	·266
30	·246	·248	·241	·237	·243	·230	·226	·240	·247	·240	·243	·241	·234	·239	·237	·239	·240	·243	·247	·245	·252	·249	·254
31																							

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°.51' N LONG 2°.28' W

HOURLY VALUES November 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·580	29·588	29·592	29·600	29·608	29·614	29·624	29·638	29·646	29·656	29·653	29·661	29·661	29·669	29·673	29·687	29·707	29·719	29·729	29·737	29·731	29·733	29·733	29·741	1
2	·735	·727	·729	·741	·745	·751	·777	·801	·819	·839	·850	·855	·862	·872	·878	·900	·910	·916	·928	·922	·922	·912	·906	·904	2
3	·896	·892	·872	·870	·848	·856	·866	·850	·854	·834	·826	·826	·814	·796	·778	·770	·764	·760	·736	·714	·702	·684	·652	·638	3
4	·598	·569	·534	·508	·496	·484	·472	·444	·426	·424	·409	·387	·377	·361	·375	·387	·401	·419	·433	·435	·439	·439	·459	·487	4
5	·495	·511	·525	·535	·537	·533	·539	·543	·545	·541	·538	·518	·496	·492	·491	·470	·444	·426	·414	·410	·398	·386	·374	·346	5
6	·336	·316	·302	·284	·270	·264	·234	·228	·204	·194	·193	·179	·177	·183	·194	·218	·229	·241	·257	·275	·279	·279	·297	·307	6
7	·315	·315	·325	·335	·341	29·349	29·359	29·373	29·387	29·401	29·403	·405	·395	·376	·373	·361	·353	·345	·323	·287	·257	·235	·205	·169	7
8	·139	·107	·081	·039	·009	28·979	28·967	28·963	28·953	28·968	28·983	·013	·029	·065	·115	·187	·237	·291	·341	·347	·401	·439	·471	·473	·505	8
9	·535	·585	29·593	29·619	29·663	29·703	29·711	29·727	29·751	29·773	29·778	29·756	29·740	29·724	29·694	29·676	29·642	29·608	29·558	29·508	29·436	29·350	29·271	29·184	9
10	29·086	29·018	28·984	28·968	28·936	28·912	28·902	28·876	28·868	28·842	28·811	28·786	28·757	28·736	28·728	28·720	28·720	28·724	28·724	28·732	28·744	28·756	28·788	28·820	10
11	28·852	28·880	·900	·920	·954	·972	·992	29·026	29·042	29·072	29·066	29·062	29·058	29·040	·986	29·006	·964	·968	·956	28·948	28·944	28·908	28·918	28·914	11
12	28·904	28·906	28·878	28·878	28·884	28·882	28·900	28·912	28·922	28·948	28·953	28·961	28·955	28·963	28·951	28·947	28·957	28·967	28·991	29·017	29·031	29·043	29·049	29·057	12
13	29·060	29·065	29·059	29·065	29·077	29·091	29·111	29·115	29·129	29·139	29·138	29·113	29·141	29·149	29·163	29·195	29·205	29·227	29·240	·249	·255	·281	·293	·295	13
14	·293	·293	·295	·297	·305	·307	·321	·332	·331	·333	·316	·299	29·293	29·291	29·271	29·269	29·269	29·261	29·243	29·227	29·193	29·177	29·159	29·137	14
15	29·105	29·097	29·085	29·077	29·063	29·059	29·063	29·073	29·065	29·061	29·036	29·012	28·996	28·982	28·974	28·966	28·956	28·938	28·946	28·936	28·912	28·904	28·888	28·882	15
16	28·876	28·868	28·864	28·864	28·868	28·868	28·880	28·898	28·898	28·904	28·907	28·913	28·921	28·937	28·953	28·973	28·995	29·009	29·021	29·029	29·039	29·043	29·055	29·075	16
17	29·079	29·085	29·097	29·107	29·133	29·141	29·161	29·189	29·206	29·211	29·229	29·251	29·263	29·271	29·296	29·335	29·357	·375	·397	·415	·441	·463	·481	·515	17
18	·525	·547	·571	·595	29·619	29·645	29·671	29·687	29·725	29·747	29·735	29·759	29·769	29·785	29·797	29·825	29·848	29·867	29·883	29·897	29·903	29·927	29·942	29·959	18
19	29·972	29·977	29·983	29·995	30·013	30·029	30·031	30·043	30·051	30·049	30·052	30·058	30·054	30·056	30·064	30·066	30·076	30·088	30·082	30·086	30·088	30·084	30·080	30·082	19
20	30·078	30·070	30·064	30·054	30·050	30·046	30·040	30·048	30·042	30·044	30·035	30·023	30·009	29·995	29·983	29·979	29·977	29·975	29·963	29·953	29·955	29·951	29·925	29·909	20
21	29·897	29·885	29·863	29·846	29·831	29·823	29·821	29·815	29·811	29·804	29·796	29·780	29·762	·750	·754	·748	·746	·738	·730	·720	·724	·718	·706	·696	21
22	·686	·678	·670	·656	·653	·652	·650	·648	·642	·642	·639	·627	·613	·603	·593	·593	·593	·599	·601	·599	·597	·605	·615	·613	22
23	·605	·607	·601	·593	·591	·587	·591	·593	·587	·591	·587	·573	·565	·539	·529	·521	·515	·513	·507	29·497	29·483	29·475	29·459	29·439	23
24	29·411	29·381	29·355	29·329	29·303	29·283	29·279	29·275	29·249	29·223	29·205	29·174	29·140	29·102	29·084	29·064	29·046	·026	·006	28·996	28·984	28·968	28·952	28·932	24
25	28·916	28·906	28·900	28·900	28·890	28·900	28·902	28·910	28·922	28·940	28·951	28·951	28·961	28·961	28·963	28·989	28·991	·001	·015	29·021	29·027	29·037	29·045	29·047	25
26	29·041	29·043	29·047	29·045	29·055	29·061	29·089	29·099	29·114	29·127	29·123	29·117	29·113	29·105	29·107	29·109	29·117	·123	·125	·133	·135	·141	·133	·133	26
27	·133	·133	·132	·123	·119	·117	·109	·115	·111	·123	·122	·107	·094	·076	·076	·084	·086	·098	·112	·124	·136	·140	·156	·168	27
28	·180	·188	·204	·218	·232	·264	·296	·340	·364	·392	·404	·418	·430	·444	·460	·486	·512	·540	·556	·564	·574	·577	·584	·586	28
29	·592	·598	·588	·590	·584	·582	·582	·582	·580	·571	·548	·538	·524	·503	·498	·498	·506	·506	·508	·514	·524	·530	·536	·542	29
30	29·542	29·556	29·562	29·562	29·564	29·574	29·574	29·590	29·596	29·597	29·585	29·575	29·563	29·547	29·539	29·541	29·537	29·538	29·531	29·519	29·507	29·487	29·473	29·455	30
31																									31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	35·9	34·0	31·4	31·9	30·8	30·9	29·8	30·9	37·6	40·8	43·7	44·9	44·5	44·0	45·5	43·9	43·0	42·3	40·0	37·0	39·0	38·9	38·9	36·2	1
2	35·9	34·5	34·1	34·4	35·6	35·9	36·3	37·0	40·0	41·9	43·2	44·3	45·2	44·5	44·2	43·2	42·6	41·0	40·1	37·5	36·5	35·1	34·9	32·6	2
3	32·8	33·3	34·0	33·5	35·7	32·8	35·1	36·8	40·0	40·9	43·4	43·2	42·9	42·4	44·2	42·0	42·0	39·2	38·9	37·3	37·0	37·0	33·6	34·0	33·5
4	32·9	32·0	30·9	30·5	32·6	32·0	33·0	33·8	37·0	38·9	42·2	44·9	44·4	44·4	46·2	44·3	40·1	·91	39·0	38·5	38·6	40·2	39·7	39·1	
5	39·9	39·1	38·8	38·0	38·3	37·0	37·9	38·4	39·0	39·4	41·3	42·2	43·0	42·3	42·4	42·1	39·5	37·5	38·9	39·1	40·9	41·0	39·7	39·8	
6	39·9	40·0	39·9	39·1	39·2	38·9	39·1	38·1	40·0	40·8	42·0	43·3	43·8	44·0	44·2	41·9	40·8	40·0	39·8	39·1	39·0	38·9	39·0	38·7	6
7	38·9	38·6	38·5	38·1	38·2	38·1	38·0	37·1	38·4	39·7	41·1	41·8	42·2	43·0	42·3	41·0	39·0	37·8	38·0	38·1	39·0	39·7	39·4	39·1	7
8	40·0	39·4	38·9	38·3	37·1	37·2	37·8	37·9	37·6	39·4	37·2	37·4	36·6	36·8	37·9	37·4	37·0	37·0	36·0	35·2	34·4	34·6	33·3	32·9	8
9	34·5	33·5	33·9	35·3	34·3	34·5	34·2	31·5	34·8	36·4	38·3	39·0	39·7	39·9	39·2	39·0	38·2	38·1	38·0	36·9	37·2	37·0	37·2	38·0	9
10	39·3	40·5	44·0	44·1	43·2	42·6	42·7	42·5	44·0	44·1	43·3	43·9	43·8	44·3	44·3	43·5	42·8	42·6	41·8	42·9	42·5	42·0	42·4	41·9	10
11	41·3	41·1	40·3	40·0	39·9	40·0	40·0	38·9	39·1	39·4	40·4	41·2	37·1	36·2	33·3	32·4	30·3	29·0	29·4	31·1	31·5	31·2	30·9	30·0	11
12	29·8	30·0	29·8	30·0	32·9	33·0	35·6	35·8	35·8	35·6	36·4	36·7	38·8	38·2	39·0	39·0	39·3	40·1	40·2	39·5	39·4	38·6	38·1	37·7	12
13	37·6	36·9	36·8	36·3	36·3	36·3	36·3	36·0	37·4	37·9	38·6	39·9	40·1	40·9	40·1	39·8	38·7	38·3	37·0	37·5	38·0	36·2	38·5	37·1	13
14	36·9	38·1	37·4	36·0	35·0	35·6	34·9	34·4	36·6	37·0	40·0	40·0	40·4	40·0	40·0	39·0	38·1	38·0	38·2	38·6	38·1	38·6	39·0	39·8	14
15	39·1	38·8	39·5	39·8	40·3	41·0	40·9	41·5	41·3	41·9	41·0	40·2	41·2	41·6	41·7	41·9	41·9	41·8	41·8	41·1	41·9	41·7	41·1	41·6	15
16	41·5	41·8	41·7	41·1	40·9	40·7	40·4	40·0	40·6	41·0	42·7	42·6	43·4	43·3	42·4	41·8	41·2	41·3	41·4	41·0	40·8	41·4	41·1	40·9	16
17	40·4	40·1	40·0	39·5	39·9	40·1	40·6	40·5	41·1	41·8	42·0	43·0	43·9	44·0	45·0	44·6	44·4	43·6	43·3	43·1	42·9	42·4	42·0	42·1	17
18	42·0	42·4	42·2	42·6	42·0	42·7	42·0	41·8	42·1	43·5	45·4	46·8	47·3	46·9	46·0	43·6	43·7	41·8	40·2	40·1	40·0	38·4	40·9	40·2	18
19	41·0	40·4	40·5	39·6	37·2	38·5	38·0	37·5	39·0	40·9	41·8	41·9	42·2	43·1	42·8	40·8	39·0	37·8	37·4	36·0	35·3	34·8	30·1	32·0	19
20	33·0	31·5	30·4	31·4	32·4	33·6	33·7	33·3	33·1	33·9	35·1	36·2	36·7	37·0	36·0	33·9	33·0	33·6	33·5	33·2	33·1	33·1	32·7	32·1	20
21	32·1	32·0	31·0	31·5	31·5	31·5	31·2	31·2	30·6	30·2	29·9	30·2	32·4	32·9	32·6	31·4	31·3	31·0	31·9	32·3	32·0	32·2	32·5	32·9	33·0
22	32·8	32·8	32·4	32·2	32·8	32·9	33·0	33·3	33·2	33·4	33·8	34·9	35·6	36·0	36·8	36·4	36·4	36·6	37·1	37·0	36·5	36·9	36·9	36·8	22
23	36·9	36·8	36·4	36·2	36·5	36·7	37·0	37·0	37·7	38·3	38·9	40·5	41·0	41·8	41·0	39·4	38·3	37·8	38·0	37·1	37·0	37·0	36·9	36·6	23
24	37·0	37·5	37·7	38·0	37·9	36·1	34·8	34·9	33·1	33·1	33·3	33·9	33·9	34·1	34·2	34·7	34·9	34·7	35·0	35·1	35·3	35·3	35·8	36·1	24
25	36·3	36·9	37·1	37·7	37·1	37·1	37·5	37·5	37·1	37·4	38·7	40·2	40·9	41·0	40·0	37·5	36·9	35·4	34·3	35·6	34·0	33·9	34·0	35·2	25
26	35·2	35·9	34·4	33·0	32·9	32·0	31·0	31·0	31·9	32·3	32·9	32·8	32·9	32·9	32·9	31·8	31·0	30·2	29·2	29·0	28·9	28·6	27·4	27·3	26
27	28·0	27·6	28·0	27·9	27·5	27·6	29·4	29·9	29·1	31·5	34·3	34·1	36·2	36·5	35·1	34·9	35·7	36·1	37·0	36·2	38·0	37·8	38·2	38·8	27
28	39·0	39·0	39·0	39·0	38·5	38·2	38·0	38·1	37·9	39·1	40·7	41·2	42·2	42·0	40·3	39·2	37·4	37·1	35·2	35·9	34·7	33·1	33·0	33·8	32·0
29	33·2	32·9	32·5	30·3	31·0	30·9	30·0	29·0	29·0	31·0	33·2	33·5	35·3	36·0	36·3	35·3	35·1	34·9	35·0	35·4	35·9	35·0	35·1	34·7	
30	34·6	34·9	34·7	34·5	34·8	35·0	34·7	35·1	34·5	34·5	36·0	37·0	37·4	37·6	37·1	36·5	36·2	35·5	35·9	36·0	36·3	36·5	36·9	37·0	
31																									

‡ Record defective or Instrument out of action † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary

STONYHURST OBSERVATORY LAT 53°.51'N. LONG: 2°.28'W.

HOURLY VALUES November 1878.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	29	4·5	29	2·	25	3	25	2	26	2	26	1·5	26	1·5	26	2·	1	3	32	7·5	31	10·5	30	12	29	11	7	12	31	12	29	7·5	27	8·5	30	10·5	27	3	27	2	29	8·5	29	8·5	27	8·5	29	4			1
2	28	3	1	2	30	8·5	28	4·5	27	5·5	27	4·5	25	4	25	4	22	4	1	8·5	29	13	31	14	31	15	9	18	29	12	28	11	28	10·5	28	6·5	27	4·5	27	4	26	4	26	4	27	4	30	1·5			2
3	30	2	30	2	28	1·5	29	1·5	29	3	2	2	30	4	29	4	31	4·5	1	3	31	6·5	28	7·5	29	7	5·5	27	4	27	3	26	2	26	3	26	2	26	2	26	2	26	2	26	2	26	2			3
4	26	1·5	26	1·5	26	2	26	1·5	26	3	26	1·5	26	3	28	3	25	4	30	2	29	10·5	26	14	26	7·5	8	12	30	21	31	13	30	15	29	16	29	16	29	11	30	9·5	30	16	3	8·5	1	4·5			4
5	31	11	31	7·5	30	7·5	30	9·5	26	12	28	18	28	18	28	14	28	13	25	15	28	16	27	16	27	17	8	18	28	9·5	24	5·5	23	10·5	24	11	25	5·5	26	8·5	27	15	28	10·5	27	8·5	26	14			5
6	26	12	26	12	26	17	26	17	26	17	26	17	26	21	25	17	25	19	25	20	26	15	27	23	27	22	8	19	29	23	30	14	29	13	27	18	27	15	28	12	26	18	28	15	27	16	27	16			6
7	28	13	28	13	27	10·5	27	7·5	26	13	27	14	27	8·5	28	5·5	16	7·5	27	5·5	28	6·5	26	8·5	26	4	5	5	22	5·5	20	2	20	2	20	3	20	4	20	3	18	3	22	4·5	18	6·5	17	6·5			7
8	20	10·5	18	12	16	8·5	21	5·5	20	4·5	15	1·5	18	2	20	2	30	3	31	4	29	8·5	29	12	27	8	8	19	29	30	29	26	29	30	28	26	27	23	27	23	27	20	26	14	23	8·5	22	4			8
9	26	13	22	5·5	24	9·5	26	9·5	21	8·5	25	4·5	21	4	16	4·5	21	4	17	3	17	4	17	2	17	4	8	6·5	17	12	18	10·5	18	9·5	17	11	15	18	14	16	14	23	14	31	14	36	14	36			9
10	14	38	14	37	18	23	17	9·5	18	13	20	10·5	20	12	19	8·5	18	9·5	18	12	18	9·5	20	14	19	11	9	11	19	9·5	20	5·5	19	7·5	20	7·5	20	7·5	20	11	23	11	24	12	25	18	25	14			10
11	25	16	25	19	25	20	24	18	24	20	26	21	25	24	25	24	25	21	25	24	25	19	25	20	21	14	9	9·5	18	4	28	9·5	2	‡1·5	27	‡1·5	22	‡4	23	10·5	21	4·5	21	3	22	5·5	27	4·5			11
12	26	6·5	25	13	25	22	25	20	25	25	23	21	26	24	25	26	24	28	24	19	23	18	24	18	24	8	5	20	26	13	25	13	27	12	26	16	26	14	26	11	27	6·5	26	14	27	10·5	27	10·5			12
13	28	7·5	30	4	28	7·5	29	6·5	19	4	25	6·5	28	4·5	28	4·5	28	6·5	29	4·5	28	9·5	30	5·5	31	6·5	1	9·5	31	12	31	6·5	31	7·5	2	4	4	4·5	1	8·5	30	10·5	1	6·5	31	8·5	30	11			13
14	1	9·5	30	12	29	14	31	6·5	29	11	31	7·5	1	5·5	1	3	1	4	6	4	28	12	29	15	29	12	9	14	28	18	27	12	26	13	27	10·5	27	13	27	15	28	16	28	18	27	14	27	22			14
15	29	19	30	13	30	18	29	15	29	14	30	19	30	16	30	18	28	19	29	18	28	21	28	26	28	22	8	24	27	23	28	23	28	28	28	29	27	26	27	24	28	26	27	29	27	28	26	26			15
16	26	25	26	29	27	22	27	22	27	18	27	19	27	12	27	5·5	27	9·5	27	11	29	19	29	22	29	19	8	14	27	12	26	13	28	16	27	13	27	8·5	28	10·5	30	5·5	28	12	28	15	27	12			16
17	28	18	27	18	27	8·5	8	5·5	28	8·5	28	8·5	16	7·5	27	9·5	28	10·5	29	18	29	22	29	18	28	18	9	21	29	26	28	16	30	13	29	22	29	19	30	20	30	19	30	10·5	31	9·5	30	14			17
18	29	8·5	30	8·5	29	12	31	5·5	1	3	29	7·5	29	9·5	30	8·5	29	9·5	32	10·5	1	11	2	10·5	2	13	2	11	32	9·5	1	5·5	2	5·5	2	4·5	1	4·5	1	6·5	12	4·5	8	3	8	3			18
19	5	4	5	4	2	4·5	2	4·5	2	2	2	3	2	3	2	4·	2	2	2	3	2	3	2	2	2	2	2	3	2	4·5	22	4	22	4	18	5·5	16	1·5	16	1·5	16	2	16	3	16	1·5			19
20	16	2	16	2	16	1·5	16	1·5	16	1·5	16	1·5	16	2	16	2	16	1·5	16	1·5	16	1·5	16	2	16	2	6	4	16	3	16	3	16	3	16	1·5	16	1·5	16	1·5	16	2	16	1·5	16	1·5	16	1·5			20
21	16	1·5	16	2	16	1·5	16	2	16	1·5	16	1·5	16	1·5	16	2	16	1·5	16	1·5	16	1·5	16	1·5	16	3	8	55	19	55	19	2	19	2	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	1·5	19	2			21
22	19	2	19	4	19	3	19	1·5	19	2	19	2	19	1·5	19	1·5	19	1·5	19	3	19	2	19	4	19	4	9	3	19	4	20	3	20	3	20	2	20	3	20	2	20	1·5	20	3	20	4	18	1·5			22
23	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	2	18	1·5	18	1·5	18	1·5	18	2	18	3	8	1·5	18	2·	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	2	18	2	18	2	18	2			23
24	18	2	18	2	18	2	18	3	9	4	6	4	4	4·5	6	4·5	2	4	2	5·5	2	6·5	2	6·5	2	6·5	2	45	1	6·5	1	8·5	32	6·5	1	8·5	1	7·5	1	6·5	1	5·5	32	4·5	32	4			24
25	32	3	32	4	32	3	32	2	32	1·5	32	1·5	32	1·5	32	3	24	4	23	4	23	3	23	4	21	5·5	0	4	21	4·5	22	3	22	3	22	4	22	4·5	22	3	22	1·5	22	3	28	1·5	28	1·5			25
26	28	1·5	28	1·5	28	1·5	28	2	28	1·5	29	3	30	3	30	1·5	30	1·5	30	1·5	30	3	30	1·5	30	1·5	0	2	30	1·5	30	1·5	30	1·5	30	1·5	30	1·5	30	2	30	2	30	1·5	30	1·5	30	1·5			26
27	30	1·5	30	2	30	2	30	1·5	30	1·5	30	1·5	30	1·5	30	1·5	30	2	30	1·5	30	4·5	32	2	32	3	2	6·5	1	4·5	2	5·5	1	6·5	1	8·5	1	11	1	11	2	14	2	14	2	13	2	15			27
28	2	1·5	2	19	3	18	3	21	2	22	2	18	2	21	1	16	2	15	1	21	2	15	2	18	2	18	1	16	2	16	1	14	32	15	32	11	32	10·5	30	13	3	4	3	7·5	30	8·5	4	8·5			28
29	32	4·5	32	7·5	1	3	1	2	1	2	27	2	27	2	27	1·5	27	1·5	27	1·5	27	1·5	27	1·5	27	1·5	7	1·5	27	1·5	27	3	19	1·5	19	3	14	2	14	2	12	3	12	3	12	2	6	4			29
30	6	2	2	4	2	4·5	2	3	2	2	2	1·5	2	1·5	2	1·5	2	1·5	2	1·5	2	1·5	2	1·5	2	2	8	2	28	1·5	28	1·5	28	1·5	28	1·5	28	2	28	1·5	28	2	28	1·5	28	1·5	28	3			30
31																																																			31

RAINFALL

GAUGE (HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 377 FEET)

3 days

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1																									1
2							013	010	016																2
3																									3
4																									4
5																									5
6																									6
7																			047		025	031	085	052	7
8	059	035	066	165	195	130	050	005	005		008	020	072	125	015									005	8
9	002	001			002																	014	052	075	9
10	079	130	220	200	130	038	013	035			040	070	025	020	020	023	002				020	009			10
11	001	001															Snowing								11
12	Total for 24 hours ending 10 am = 674																								12
13																									13
14																									14
15		005	002	010	012	001	008	002		005	024	013	013	012	006	006	005	001	001						15
16																									16
17																									17
18																									18
19																									19
20										009															20
21										Probable 005															21
22										015															22
23																									23
24	Melted Snow to 10 am = 153											020	020	020	005		005								24
25		003	005	010	013	010	029																		25
26					002		001		001	005															26
27										004			015	010	032	006	018	010		020					27
28																									28
29																	019	001							29
30	001									003												013	007	030	30
31																									31
	142	175	293	385	354	179	114	052	022	017	072	123	045	187	078	034	049	012	048	020	045	067	144	102	
	3	4	5	5	5	5	5	3	2	3	4	5	5	5	3	3	4	1	1	1	2	4	3	4	

Record defective or instrument out of action. Obtained from reading of Standard

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	160	148	146	145	146	*	148	182	201	214	213	217	220	215	208	197	190	191	182	183	182	172	173	1
2	159	150	175	181	181	190	186	198	208	211	208	213	211	214	208	206	199	195	181	174	169	171	169	2
3	168	176	172	180	153	182	181	193	209	207	202	198	203	204	204	199	196	199	186	184	168	174	172	3
4	162	150	155	173	155	169	174	186	196	200	190	200	204	207	208	195	193	188	188	185	198	201	202	4
5	194	190	188	187	182	189	184	185	191	195	191	194	187	189	189	177	176	168	177	181	178	173	158	5
6	153	151	145	149	150	147	149	152	160	174	181	190	202	202	208	185	186	189	189	185	182	179	181	6
7	180	178	174	173	172	171	167	172	175	176	175	183	186	186	190	186	182	208	217	222	228	231	229	7
8	216	219	221	209	216	210	211	213	227	206	196	192	189	181	176	165	162	158	137	117	114	125	134	8
9	162	169	149	--	---	-*	---	---	175	180	183	189	187	197	199	195	182	176	183	180	187	200	208	9
10	239	283	273	264	258	259	261	263	272	282	256	264	265	259	271	257	242	247	254	236	227	221	222	10
11	214	205	198	194	191	174	167	163	145	145	147	178	173	182	*	*	154	152	168	163	163	155	126	11
12	143	152	156	136	---	-*	-*	---	132	146	142	147	149	163	167	168	173	180	179	175	162	158	156	12
13	161	162	157	167	164	170	163	167	172	178	188	192	198	195	193	188	187	182	180	173	173	172	178	13
14	170	167	162	164	168	165	164	176	179	172	170	183	186	186	183	186	176	185	185	189	189	195	193	14
15	201	211	207	221	217	222	221	215	215	217	213	213	212	215	212	212	209	207	207	194	195	194	190	15
16	183	190	193	196	198	201	205	203	204	200	201	207	208	208	209	203	206	208	206	206	214	205	202	16
17	202	202	200	197	204	203	202	210	209	207	215	225	215	216	216	214	209	214	214	214	216	212	211	17
18	217	218	214	221	218	218	213	220	223	230	235	230	223	225	220	225	220	216	219	209	204	218	224	18
19	224	223	221	208	221	212	212	220	218	227	228	241	237	232	221	218	208	213	203	197	188	153	*	19
20	*	162	167	---	-*	---	182	183	187	199	204	206	210	197	181	180	183	182	186	185	183	174	176	20
21	170	166	166	-*	-*	171	159	163	156	160	174	--	-*	---	169	171	174	175	172	177	175	176	178	21
22	172	176	177	172	172	173	182	184	181	178	183	195	197	198	200	198	202	199	200	204	201	201	200	22
23	200	202	201	202	202	202	200	206	207	210	217	233	235	233	225	215	210	214	213	208	210	211	209	23
24	214	216	224	209	192	164	181	174	183	182	179	179	183	186	186	187	188	192	199	199	201	199	205	24
25	203	211	212	217	217	214	214	217	215	223	228	230	233	220	209	199	198	188	197	182	181	190	200	25
26	200	191	180	176	165	161	166	*	*	179	176	174	174	179	170	169	*	156	151	156	145	143	140	26
27	138	141	131	138	138	149	145	147	163	186	185	204	202	195	189	196	203	202	195	199	190	186	180	27
28	171	174	166	167	155	157	155	157	156	154	165	171	154	149	154	144	147	146	138	139	139	133	122	28
29	134	136	129	129	130	130	120	*	140	153	149	174	191	181	193	187	185	186	190	185	184	183	184	29
30	177	166	167	164	164	168	163	172	170	179	182	196	196	197	195	191	195	192	193	199	204	207	212	30
31																								31

Meteorological Office
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary

KEW OBSERVATORY LAT. 51°.28' N LONG 0°.19' W — HOURLY VALUES November 1878.

BAROMETER. CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29.888	29.886	29.884	29.882	29.888	29.890	29.899	29.906	29.915	29.926	29.922	29.923	29.924	29.926	29.928	29.944	29.960	29.974	29.992	30.006	30.021	30.028	30.036	30.048	1
2	30.048	30.051	30.046	30.051	30.058	30.062	30.068	30.094	30.102	30.113	30.128	30.126	30.127	30.124	30.139	30.152	30.162	30.176	30.187	.205	.213	.220	.220	.222	2
3	30.219	30.221	30.218	30.217	30.211	30.204	30.204	30.206	30.201	30.178	30.167	30.142	30.132	30.124	30.112	30.100	30.096	30.088	30.080	30.059	30.054	30.040	30.032	30.014	3
4	29.992	29.968	29.933	29.905	29.883	29.862	29.838	29.815	29.796	29.764	29.750	29.730	29.702	29.684	29.673	29.662	29.654	29.654	29.655	29.655	29.658	29.655	29.652	29.650	4
5	.654	.664	.670	.696	.724	.742	.764	.772	.780	.795	.793	.778	.776	.766	.762	.772	.774	.766	.752	.737	.725	.707	.690	.667	5
6	.650	.638	.623	.607	.588	.579	.572	.560	.544	.538	.532	.520	.502	.494	.493	.496	.504	.517	.531	.547	.561	.578	.591	.600	6
7	.600	.610	.617	.628	.632	.642	.662	.679	.698	.714	.723	.727	.734	.737	.745	.753	.765	.777	.779	.779	.775	.771	.758	.750	7
8	.729	.701	.669	.639	.597	29.555	29.517	29.479	29.426	29.383	29.360	29.360	29.356	29.364	29.370	29.394	29.418	29.450	29.496	29.548	29.606	29.682	29.745	.804	8
9	.858	.906	.926	.958	.983	30.026	30.065	30.101	30.119	30.152	30.168	30.174	30.170	30.172	30.183	30.180	30.169	30.157	30.148	30.128	30.098	30.060	30.026	.964	9
10	.898	.826	.765	.698	.640	29.566	29.535	29.500	29.462	29.441	29.397	29.336	29.278	29.216	29.212	29.218	29.232	29.249	29.265	29.286	29.285	29.274	29.270	.270	10
11	.273	.289	.297	.323	.359	.387	.415	.452	.475	.509	.517	.518	.526	.527	.523	.516	.490	.455	.404	.385	.370	.379	.381	.395	11
12	.387	.385	.380	.381	.374	.378	.387	.403	.399	.421	.421	.413	.413	.406	.405	.403	.394	.386	.380	.382	.375	.380	.373	.367	12
13	.356	.345	.351	.363	.372	.377	.379	.389	.395	.411	.417	.419	.411	.409	.419	.433	.433	.437	.442	.460	.464	.465	.463	.459	13
14	.451	.444	.443	.445	.443	.457	.463	.473	.471	.463	.459	.453	.455	.457	.451	.450	.447	.448	.438	.424	.417	.397	.384	.365	14
15	.354	.348	.333	.301	.283	.270	.259	.256	.244	.235	.225	.206	.193	.185	.174	.171	.167	.178	.177	.178	.181	.179	.177	.180	15
16	.178	.183	.182	.182	.190	.196	.203	.227	.236	.256	.259	.261	.265	.274	.286	.303	.309	.321	.331	.341	.352	.361	.377	.389	16
17	.391	.395	.401	.413	.431	.447	.469	.483	.498	.521	.522	.523	.525	29.537	29.547	29.561	29.573	29.584	29.592	29.593	29.597	29.601	29.605	29.605	17
18	29.617	29.638	29.665	29.715	29.763	29.811	29.848	29.883	29.909	29.947	29.957	29.976	29.995	30.014	30.038	30.062	30.080	30.114	30.135	30.153	30.178	30.210	30.221	30.236	18
19	30.246	30.260	30.276	30.296	30.306	30.330	30.350	30.373	30.391	30.409	30.405	30.391	30.389	.387	.396	.410	.423	.428	.436	.445	.447	.446	.443	.439	19
20	.428	.420	.411	.397	.395	.387	.386	.387	.383	.380	.372	.358	.345	.324	.318	.310	.304	.298	.288	.276	.271	.257	.250	.235	20
21	.209	.194	.178	.159	.148	.142	.138	.124	.121	.119	.116	.105	.088	.075	.069	.066	.064	.063	.059	.060	.062	.052	.041	.040	21
22	.038	.027	.026	.023	.019	.026	30.028	30.040	30.038	.042	30.042	30.031	30.028	30.012	30.006	30.018	30.020	30.023	30.030	30.034	30.028	30.028	30.024	30.022	22
23	30.016	30.019	30.018	30.006	30.003	30.002	29.998	29.999	29.997	30.004	29.987	29.967	29.950	29.932	29.921	29.915	29.911	29.916	29.895	29.888	29.881	29.872	29.844	29.816	23
24	29.781	29.760	29.718	29.693	29.672	29.631	.602	.575	.553	29.528	.514	.484	.456	.431	.422	.419	.405	.392	.380	.369	.360	.352	.335	.322	24
25	.305	.300	.288	.282	.277	.274	.280	.290	.294	.314	.338	.343	.356	.353	.360	.376	.388	.398	.402	.402	.404	.396	.400	.391	25
26	.379	.382	.380	.392	.406	.416	.433	.453	.456	.477	.485	.472	.462	.445	.444	.440	.444	.448	.440	.442	.436	.434	.438	.435	26
27	.428	.427	.416	.402	.398	.402	.407	.411	.402	.401	.383	.377	.341	.327	.309	.316	.309	.308	.297	.285	.274	.295	.292	.301	27
28	.307	.337	.338	.349	.367	.401	.435	.468	.493	.521	.530	.545	.559	.579	.611	.632	.659	.685	.707	.724	.741	.763	.775	.789	28
29	.800	.817	.818	.828	.833	.851	.865	.881	.900	.912	.911	.907	.905	.899	.904	.913	.918	.930	.939	.937	.935	.929	.933	.938	29
30	29.929	29.927	29.927	29.930	29.933	29.945	29.951	29.969	29.973	29.979	29.976	29.970	29.970	29.958	29.955	29.952	29.959	29.956	29.957	29.955	29.947	29.934	29.928	29.915	30
31																									31

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	41.0	40.9	40.9	40.8	40.5	40.0	39.8	40.1	41.0	42.1	44.0	45.0	46.0	47.5	47.8	47.0	45.3	43.3	43.0	42.6	42.0	41.6	40.0	39.2
2	38.9	38.0	37.0	36.0	35.5	35.0	34.5	34.2	37.0	38.2	40.8	41.6	43.4	45.3	44.0	45.1	43.1	42.6	42.0	41.8	41.1	40.0	39.1	38.9
3	37.9	37.0	36.0	35.3	34.0	33.0	32.2	32.3	34.5	39.3	43.0	44.1	45.0	45.0	45.0	44.7	44.2	44.2	43.6	41.0	38.3	37.1	36.0	34.9
4	34.0	33.5	33.0	33.0	33.0	32.3	32.7	33.1	34.7	36.1	37.2	40.0	40.5	43.0	43.2	42.6	42.0	41.6	41.0	40.7	40.4	39.3	38.8	37.8
5	38.0	39.8	40.0	40.6	38.5	37.9	38.0	39.5	40.8	40.7	41.1	42.9	43.5	44.0	43.7	43.0	42.2	41.0	41.0	41.4	40.6	39.5	39.6	39.6
6	39.2	38.1	36.8	37.1	38.2	38.9	38.9	39.0	40.9	41.4	42.3	42.8	44.1	44.0	43.9	43.9	43.3	42.0	42.0	42.1	41.7	41.2	39.0	38.2
7	37.8	37.5	38.0	37.0	36.5	36.3	36.0	37.0	39.5	41.9	43.7	45.0	45.9	46.0	45.2	43.5	41.6	38.9	37.0	35.7	34.6	34.1	33.3	33.2
8	34.7	35.0	36.0	38.0	39.8	41.0	42.0	42.5	43.3	41.4	42.9	43.9	43.8	42.7	42.2	42.6	39.7	40.3	39.6	38.0	37.9	39.0	38.9	37.1
9	35.6	34.8	34.1	34.5	35.0	35.0	34.0	34.7	36.6	38.0	40.0	41.9	43.1	44.0	43.3	41.0	38.6	38.3	37.9	38.0	38.2	38.6	39.9	41.0
10	42.5	43.0	44.0	44.5	45.4	46.6	47.2	48.7	49.7	49.8	50.0	49.2	50.2	51.0	49.0	48.5	46.0	46.0	44.5	43.0	42.3	42.0	42.2	42.0
11	41.0	40.0	40.3	40.0	40.6	40.2	40.4	40.9	41.3	42.7	41.9	43.8	43.8	44.9	44.1	42.6	40.0	39.5	41.0	41.2	39.0	38.0	36.0	34.7
12	34.0	34.2	35.1	35.0	33.3	33.0	33.0	32.9	34.4	36.8	37.5	37.9	38.2	38.3	38.0	36.1	35.1	34.0	33.0	32.6	33.9	34.1	34.0	34.9
13	35.0	35.1	35.1	35.0	35.6	36.1	36.0	36.1	36.7	37.0	37.6	38.0	38.9	39.0	39.0	39.0	38.9	39.1	39.5	40.0	40.0	39.8	40.3	41.0
14	41.0	41.2	42.0	41.9	42.1	42.9	42.9	43.0	43.5	43.3	43.3	43.2	42.7	42.6	41.0	41.0	41.0	41.0	40.4	40.9	40.9	40.0	38.1	38.0
15	38.2	38.2	38.4	38.5	38.7	39.0	39.2	40.3	40.7	41.1	42.3	42.5	42.0	41.5	40.0	40.0	40.0	39.6	40.0	40.3	41.0	41.0	40.8	40.9
16	40.7	40.4	40.7	41.9	42.0	42.0	41.9	42.0	42.0	42.9	44.0	44.3	44.7	44.1	44.1	43.0	42.8	42.0	41.2	42.0	41.5	41.4	41.2	40.8
17	40.8	41.8	41.9	42.0	42.0	42.0	42.0	41.9	42.0	43.0	43.5	44.4	44.9	45.1	43.0	43.6	44.7	44.3	45.0	45.0	44.9	44.5	44.6	44.7
18	44.9	45.1	45.5	45.1	44.4	43.0	43.7	44.0	43.7	45.1	45.9	46.0	46.7	46.0	46.0	44.5	42.7	42.3	42.0	41.0	40.6	40.0	39.4	38.7
19	38.0	38.9	38.0	37.3	37.0	36.8	36.5	36.3	37.8	40.0	43.4	45.1	45.9	45.9	45.0	42.0	38.7	37.6	35.3	34.8	35.0	34.3	35.0	35.5
20	36.4	37.0	38.7	39.1	39.5	39.1	39.1	39.9	41.0	42.2	43.1	43.3	43.6	43.4	43.0	42.3	41.9	41.2	40.6	40.7	40.1	40.0	40.0	39.9
21	39.6	39.0	39.0	39.0	39.1	39.5	39.8	40.0	40.0	40.1	40.4	41.0	41.5	41.6	41.8	†41.4	†41.1	40.7	40.7	41.0	40.3	40.3	39.9	39.7
22	39.5	40.0	40.0	39.9	39.4	39.0	39.0	38.5	38.9	39.0	39.0	39.0	39.1	39.3	39.6	39.1	38.8	38.0	37.6	37.8	37.3	37.2	36.9	36.9
23	36.2	36.7	36.5	36.0	35.6	33.5	32.0	31.4	31.2	31.0	36.0	40.7	41.3	41.4	40.5	38.1	36.1	34.5	35.0	35.1	36.9	36.8	36.1	36.2
24	36.2	36.1	36.6	37.0	37.1	37.0	37.0	37.0	37.1	37.7	39.3	41.2	44.0	47.0	48.0	48.9	49.1	49.9	49.9	50.3	51.1	51.0	50.4	50.0
25	50.7	51.0	51.0	51.0	51.2	51.2	51.0	50.8	51.1	51.5	51.0	50.5	46.9	45.0	44.8	43.7	43.4	43.0	42.0	41.1	41.1	41.0	40.9	40.0
26	39.9	40.0	40.1	40.0	40.0	39.7	39.0	39.0	39.2	40.0	40.0	40.5	40.8	41.0	40.9	40.5	40.0	39.8	39.8	39.1	39.1	39.1	39.4	39.4
27	39.5	39.2	38.9	38.8	38.2	37.9	37.2	36.9	36.9	37.0	37.0	37.5	37.9	39.0	38.7	37.9	38.7	39.3	40.6	40.9	41.1	41.8	41.9	42.0
28	42.0	40.9	40.8	41.1	41.8	41.7	41.9	41.1	41.2	41.6	41.3	42.0	42.0	41.5	41.0	40.4	40.0	40.0	39.7	39.0	39.4	39.6	39.6	39.0
29	37.0	36.1	35.0	34.8	33.7	33.1	33.0	32.8	33.0	34.9	37.0	38.0	38.6	39.0	39.0	37.6	35.5	34.0	33.0	31.3	31.0	31.0	29.9	29.5
30	30.9	30.5	31.1	31.0	31.7	31.4	32.1	33.0	33.4	33.9	35.0	37.8	37.2	36.3	36.6	36.0	35.0	35.0	34.6	34.1	34.0	34.1	34.5	34.0
31																								

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
39.7	39.5	39.5	39.7	39.8	39.0	39.0	39.0	40.0	40.6	41.5	42.4	43.1	43.9	43.8	43.8	42.6	41.1	41.0	40.7	40.5	40.0	38.7	38.0	1
37.6	36.9	35.9	35.0	34.0	33.7	33.3	33.4	35.0	36.3	38.4	39.5	40.9	42.5	42.0	42.7	40.6	40.0	40.0	39.8	39.3	38.6	38.0	37.9	2
36.7	35.8	34.5	34.1	33.6	32.6	32.0	*	*	37.6	40.4	40.9	41.9	42.0	42.1	42.0	42.0	42.0	41.2	40.0	38.0	37.0	36.0	34.7	3
33.9	33.5	33.0	32.9	32.8	32.0	32.5	33.0	34.0	35.5	36.6	38.7	38.6	39.8	39.7	39.5	39.2	38.8	38.6	38.9	38.8	37.8	37.1	36.6	4
36.8	38.0	38.2	38.0	36.7	36.0	36.0	37.1	38.2	38.6	38.8	39.4	39.5	39.2	39.5	39.3	39.0	38.0	38.5	39.0	38.3	37.0	36.8	37.0	5
36.9	36.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	36.1	37.0	37.1	38.2	38.6	39.0	39.0	39.1	39.1	39.6	39.9	39.2	39.0	37.1	36.6	6
36.0	35.8	36.0	35.1	34.9	34.7	34.2	35.1	37.0	38.3	39.9	40.3	41.0	41.5	40.7	40.0	38.7	37.0	36.0	34.6	33.9	33.8	32.7	32.6	7
33.6	33.8	35.0	36.5	37.8	38.8	39.5	40.1	42.0	40.9	41.2	41.0	40.2	40.0	40.1	39.4	38.2	38.7	37.3	36.7	36.3	36.8	35.6	34.0	8
31.7	30.5	30.9	32.0	33.0	33.0	32.6	32.8	33.8	35.0	36.5	38.0	38.9	39.1	39.0	38.2	36.5	36.0	35.7	36.0	36.2	36.7	36.9	37.6	9
39.2	41.0	42.9	43.4	44.4	45.3	46.4	47.2	48.2	48.7	48.6	47.8	48.8	49.4	47.0	46.3	44.3	44.5	42.8	41.3	41.0	40.8	40.9	40.9	10
40.0	39.6	39.2	39.0	39.0	38.9	38.9	39.0	39.8	40.0	39.8	40.0	39.8	39.9	39.0	38.6	37.3	36.5	37.2	38.9	37.5	36.2	34.7	33.6	11
32.9	33.0	33.0	32.9	32.1	31.8	31.6	31.4	32.1	33.8	33.9	34.3	34.9	35.0	35.0	34.0	33.2	32.8	31.6	31.0	32.0	32.2	32.3	33.0	12
33.2	33.4	33.5	33.4	33.8	34.3	34.0	34.0	34.3	34.9	35.4	36.0	37.0	37.2	37.4	37.9	37.9	38.0	38.0	38.5	38.7	38.8	39.2	39.9	13
40.0	40.4	41.0	41.0	41.2	41.9	41.8	41.9	42.0	41.9	41.0	40.7	40.2	40.0	38.8	39.3	39.5	39.1	39.0	38.9	38.3	38.3	37.1	36.9	14
37.0	37.4	37.5	37.6	37.8	38.0	38.2	39.1	39.9	40.1	41.0	41.0	40.2	40.0	38.5	38.6	38.7	38.3	38.8	39.2	39.2	39.7	39.4	39.3	15
39.0	38.9	39.0	38.9	38.9	38.9	38.9	39.0	39.1	39.8	40.9	40.8	41.1	41.2	41.3	41.0	40.5	40.0	39.6	39.7	39.4	39.2	39.2	39.0	16
39.0	39.2	39.3	39.6	39.8	39.8	39.7	39.4	39.5	40.0	40.6	41.2	41.6	41.9	41.2	41.8	41.9	42.0	42.1	42.0	42.0	42.2	42.9	43.1	17
43.4	43.8	44.0	43.7	42.6	41.0	41.7	42.3	42.0	43.2	43.0	42.3	42.9	42.0	42.4	42.0	40.3	40.0	40.2	39.8	39.1	38.9	38.3	38.0	18
37.1	38.0	37.5	37.0	36.7	36.2	36.0	35.8	37.0	38.8	41.3	42.5	43.0	43.1	42.9	40.6	38.0	37.1	35.1	34.7	35.0	34.2	35.0	35.1	19
36.0	36.8	37.9	38.0	38.0	37.9	38.0	38.2	39.1	40.0	40.0	40.0	40.0	39.6	39.0	39.0	38.6	38.2	37.6	37.7	37.5	37.0	37.0	37.0	20
37.0	36.5	36.5	36.6	36.7	37.0	37.0	37.3	37.4	37.5	37.8	38.0	38.3	38.2	38.4	38.4	38.6	38.6	38.6	38.3	38.7	38.2	37.4	37.1	21
37.0	37.3	37.3	37.2	37.0	36.9	36.4	36.0	36.4	36.3	36.6	36.3	36.3	36.6	36.8	36.5	36.3	35.9	35.7	35.5	35.0	35.0	35.0	35.0	22
34.9	35.0	35.0	34.9	34.1	32.6	31.9	---	-*-	-*-	---	38.4	39.0	38.9	37.7	36.7	35.0	33.6	34.0	34.3	36.0	35.9	35.1	35.2	23
35.1	35.0	35.5	36.0	36.0	36.2	36.2	36.3	36.7	37.2	39.0	40.9	43.5	46.6	47.5	48.1	48.9	49.0	49.0	49.7	50.1	50.1	49.4	48.9	24
49.6	49.8	50.0	50.1	50.8	50.2	49.6	50.0	49.8	49.5	48.8	47.0	45.0	43.1	42.8	41.3	41.2	41.0	40.0	39.0	39.0	38.9	39.0	38.6	25
38.7	38.7	38.9	38.8	38.7	38.5	38.4	38.0	38.1	38.9	39.0	39.0	39.2	39.9	40.0	39.7	39.0	38.2	38.5	38.0	37.8	38.0	37.8	37.4	26
37.3	37.0	36.9	36.5	36.9	36.3	36.0	35.9	35.9	36.0	36.0	36.8	37.2	38.1	38.0	37.0	37.8	38.6	39.6	39.9	40.1	40.9	41.0	40.9	27
40.1	39.5	39.8	39.9	40.3	39.9	40.0	39.2	39.6	39.9	40.0	40.1	40.0	39.9	39.1	38.8	38.3	37.9	37.0	36.6	36.6	36.0	36.0	35.0	28
34.0	33.2	32.3	32.2	32.0	31.8	31.5	31.0	31.5	32.9	34.2	35.0	35.5	35.9	35.5	35.0	34.0	33.0	32.3	31.0	30.7	*	29.7	29.1	29
30.4	30.3	30.9	30.9	31.0	31.0	31.6	---	-*-	---	34.0	35.2	35.3	34.9	35.3	35.0	34.0	34.0	33.9	33.6	33.7	33.8	34.0	33.8	30
																								31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT: 51°28'N. LONG: 0°19' W. HOURLY VALUES *November* 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W / 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	26	4	26	3	26	4	26	3	1	4.5	1	6.5	1	7.5	1	7.5	1	7.5	1	7.5	2	12	2	13
2	31	8.5	30	5.5	30	7.5	30	5.5	30	5.5	30	6.5	30	4	30	3	30	7.5	28	9.5	30	9.5	30	8.5
3	32	6.5	32	5.5	32	5.5	32	4	32	4.5	32	5.5	32	4.5	32	4	32	5.5	26	7.5	26	7.5	28	11
4	28	3	28	4	28	5.5	23	6.5	23	4.5	23	4.5	23	4	23	3	23	4.5	23	5.5	24	3	26	6.5
5	31	15	32	19	32	17	1	16	32	13	32	14	32	16	31	20	32	21	32	20	32	21	32	18
6	27	11	27	8.5	26	9.5	26	10.5	26	12	27	11	27	12	28	14	28	15	28	13	28	16	27	12
7	29	7.5	29	7.5	28	8.5	27	7.5	27	9.5	28	10.5	29	10.5	30	7.5	30	11	30	14	29	15	30	12
8	27	4.5	26	6.5	23	8.5	20	10.5	20	15	19	16	18	14	17	16	17	18	22	13	22	12	23	14
9	27	17	28	13	26	15	26	10.5	26	14	27	11	27	9.5	27	10.5	27	9.5	27	9.5	27	10.5	26	7.5
10	18	20	17	23	18	29	18	31	18	32	18	37	19	34	19	35	19	31	19	26	19	34	19	36
11	20	9.5	20	8.5	21	7.5	23	12	23	9.5	23	9.5	24	12	25	13	25	10.5	25	18	27	14	26	13
12	24	8.5	24	9.5	24	10.5	22	12	21	13	21	12	22	12	22	10.5	21	8.5	22	12	22	11	20	13
13	32	9.5	1	7.5	1	5.5	1	4	1	7.5	1	8.5	1	12	1	12	1	16	1	14	32	13	32	10.5
14	32	12	32	11	32	14	32	16	32	18	32	18	32	16	32	18	32	20	30	18	30	21	30	22
15	28	14	28	12	28	10.5	28	9.5	28	10.5	27	11	27	11	27	10.5	27	11	26	12	27	16	27	16
16	26	20	26	20	25	19	26	18	25	21	26	18	26	16	25	16	24	13	25	13	25	12	25	14
17	26	5.5	26	10.5	26	9.5	26	10.5	26	10.5	26	8.5	26	9.5	26	10.5	26	11	27	11	28	10.5	28	12
18	30	16	31	17	32	20	1	19	1	18	2	15	2	13	2	15	2	15	1	14	2	15	2	16
19	4	8.5	4	4	4	3	4	4	4	4.5	4	4	4	4.5	4	4	4	6.5	4	7.5	3	4.5	3	10.5
20	2	2	2	4	2	5.5	2	6.5	2	6.5	2	7.5	2	4.5	2	6.5	2	9.5	3	9.5	3	12	4	12
21	4	14	3	17	3	12	3	14	4	12	4	15	4	12	4	14	4	16	4	12	4	11	4	11
22	3	6.5	3	8.5	3	5.5	3	4.5	3	4.5	3	5.5	3	6.5	3	4.5	3	5.5	3	4.5	3	4	3	4
23	3	3	3	3	3	2	3	3	3	2	3	1.5	3	1.5	3	1.5	3	4	3	2	3	1.5	12	6.5
24	8	12	8	11	7	13	7	10.5	7	11	5	13	7	16	7	15	7	13	7	11	7	7.5	7	5.5
25	17	15	17	17	18	15	18	17	18	16	18	16	18	16	18	13	18	16	20	17	23	14	22	12
26	29	4.5	29	5.5	31	5.5	31	6.5	31	5.5	31	4.5	31	3	31	3	31	4.5	31	3	31	3	31	7.5
27	1	7.5	1	8.5	2	8.5	2	9.5	32	8.5	32	10.5	1	7.5	1	10.5	3	7.5	1	7.5	32	10.5	32	7.5
28	1	22	2	20	1	20	1	22	1	23	2	26	3	30	3	25	3	26	3	26	3	28	3	28
29	32	15	32	14	32	15	31	16	31	15	31	14	30	13	30	13	30	10.5	30	6.5	30	9.5	30	11
30	31	1.5	31	2	31	2	31	3	31	2	31	4	31	4.5	31	4.5	31	4	31	3	31	3	31	3
31																								

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	1	10.5	1	11	1	11	32	9.5	32	8.5	32	7.5	32	6.5	32	6.5	31	7.5	31	9.5	31	7.5	31	9.5
2	30	10.5	1	9.5	1	9.5	32	8.5	32	10.5	32	12	32	12	32	12	32	11	32	7.5	32	8.5	32	5.5
3	28	7.5	8	8.5	28	6.5	28	4.5	28	6.5	28	5.5	28	5.5	28	4	28	3	28	3	28	4.5	28	4
4	26	7.5	6	8.5	30	7.5	30	5.5	30	6.5	30	6.5	30	6.5	30	11	31	14	32	16	32	12	31	11
5	32	14	2	15	32	10.5	32	7.5	32	4.5	31	7.5	30	8.5	28	8.5	28	6.5	27	9.5	27	11	27	11
6	28	11	7	14	28	9.5	27	10.5	27	12	29	11	29	8.5	29	10.5	30	10.5	29	10.5	29	10.5	29	7.5
7	28	12	8	10.5	28	7.5	28	6.5	28	5.5	28	4	28	6.5	28	5.5	28	5.5	27	5.5	27	4.5	27	5.5
8	24	15	5	15	25	11	24	14	26	12	26	19	27	21	28	27	28	26	29	21	27	20	27	22
9	26	8.5	6	6.5	26	4	26	4	26	4.5	21	8.5	21	7.5	21	7.5	21	8.5	18	10.5	18	11	17	15
10	19	38	19	35	21	21	21	22	21	21	20	18	21	14	21	15	20	15	20	10.5	20	12	20	12
11	25	14	4	17	23	12	24	9.5	21	12	20	14	18	18	21	18	23	11	24	12	24	9.5	24	8.5
12	20	9.5	0	5.5	20	3	20	3	20	4	20	4	20	4	20	3	20	4.5	20	3	20	6.5	20	6.5
13	32	11	1	10.5	1	9.5	1	10.5	1	11	1	12	1	13	1	10.5	1	10.5	32	10.5	1	10.5	1	15
14	30	23	0	21	30	17	30	19	31	24	31	18	30	19	30	18	29	15	28	17	28	14	28	14
15	27	17	7	20	26	20	26	19	26	20	26	19	26	20	25	17	26	19	26	22	26	19	26	23
16	25	12	4	10.5	23	11	23	10.5	23	10.5	23	8.5	23	9.5	26	9.5	26	9.5	26	8.5	26	7.5	26	5.5
17	27	12	7	11	25	11	25	8.5	26	14	26	12	27	19	27	17	27	20	27	16	28	17	29	20
18	2	18	3	19	3	14	3	15	4	10.5	3	10.5	1	11	3	13	3	12	3	9.5	4	7.5	4	3
19	3	11	3	7.5	3	9.5	2	8.5	2	7.5	2	5.5	2	7.5	2	4.5	2	7.5	2	5.5	2	3	2	4.5
20	5	14	4	14	4	15	4	14	3	13	5	16	4	14	5	14	4	15	4	16	5	15	4	13
21	4	14	3	12	4	11	4	8.5	4	6.5	4	7.5	4	7.5	4	7.5	4	5.5	4	6.5	4	7.5	3	8.5
22	3	5.5	3	4	3	4	3	4	3	4.5	3	2	3	2	3	2	3	2	3	2	3	3	3	2
23	14	7.5	4	9.5	14	5.5	14	7.5	13	6.5	13	4.5	13	4.5	13	5.5	13	9.5	13	10.5	13	8.5	9	10.5
24	7	4.5	3	8.5	15	8.5	16	11	16	13	17	13	17	11	17	13	16	15	16	14	17	16	17	16
25	25	10.5	5	10.5	25	9.5	25	8.5	25	5.5	25	4.5	28	8.5	29	4.5	29	4	29	4	29	4	29	4.5
26	1	7.5	1	5.5	1	5.5	1	6.5	1	8.5	1	8.5	1	7.5	1	6.5	1	8.5	1	6.5	1	7.5	1	7.5
27	30	8.5	0	8.5	31	15	32	13	32	12	32	14	32	12	31	14	32	16	32	17	1	17	1	22
28	3	27	3	26	3	26	3	28	2	24	2	26	2	23	2	27	2	24	2	20	1	20	1	18
29	30	10.5	1	9.5	31	7.5	31	3	31	4	31	1.5	31	3	31	4.5	31	4	31	3	31	3	31	2
30	31	3	1	1.5	31	3	31	2	31	3	31	2	31	1.5	31	2	31	1.5	31	2	31	2	31	2
31																								

RAINFALL GAUGE (HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET)

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1					.010																			
2																.005								
3										~~.005~~														
4										~~.005~~														
5																								
6																								
7																								
8										.095	.005						.030			.005	.045	.015		
9																								
10		.005	.010	.055	.095	.050	.060	.025		.025	.070	.040	.035	.050	.080	.015	.045	.005	.015					
11									.005															
12										~~.005~~														
13															.010	.005	.005	.005						
14				.015	.010		.005	.005									.005	.010	.005			.005	.030	.025
15	.010		.010	.020	.005	.005			.015	.020	.020	.020	.030	.025	.040	.010	.015	.025	.040		.005	.025	.020	.035
16	.020	.025	.020																					
17															.060							.010	.010	.035
18	.020	.005	.015	.010																				
19																								
20																								
21																								
22																								
23																								
24								.005	.020		.005						.005					.045	.030	
25										~~.005~~														
26						.008	.042	.005				.020		.005	.005	.010		.005	.005					
27							.010	.030	.015			.025	.065	.080	.050	.010	.005	.015	.010	.010	.025	.005	.010	.010
28	.005		.015	.005		.010	.010	.010	.010	.010	.015	.005		.005	.005	.025		.025			.025			
29																								
30																								
31																								
105	055	035	070	105	120	073	124	080	065	150	115	110	130	165	125	080	110	090	075	015	100	105	100	105

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.226	.226	.231	.237	.226	.228	.225	.235	.236	.234	.241	.246	.246	.241	.249	.242	.233	.234	.232	.235	.229	.220	.216
2	.206	.198	.193	.180	.178	.176	.182	.182	.193	.206	.220	.228	.241	.244	.246	.225	.219	.225	.223	.220	.218	.217	.217
3	.196	.184	.183	.188	.180	.179	*	*	.207	.223	.221	.231	.233	.235	.236	.242	.242	.232	.235	.225	.219	.212	.199
4	.192	.188	.186	.184	.178	.183	.187	.188	.202	.210	.220	.213	.211	.208	.210	.211	.207	.208	.216	.218	.211	.203	.203
5	.209	.211	.201	.199	.191	.190	.196	.203	.211	.210	.205	.202	.191	.200	.202	.205	.197	.206	.212	.206	.194	.190	.193
6	.189	.184	.181	.171	.165	.165	.164	.165	.164	.172	.170	.174	.182	.189	.189	.196	.209	.218	.222	.213	.213	.201	.199
7	.192	.190	.184	.186	.185	.179	.184	.194	.196	.206	.202	.208	.216	.208	.210	.205	.200	.200	.189	.187	.191	.178	.178
8	.180	.193	.199	.205	.211	.216	.222	.252	.250	.239	.225	.211	.218	.225	.208	.214	.217	.198	.203	.196	.195	.175	.164
9	.127	.136	.152	.164	.164	.168	.164	.166	.173	.181	.191	.194	.190	.194	.201	.194	.187	.186	.190	.192	.198	.188	.190
10	.234	.263	.268	.281	.287	.305	.306	.318	.330	.324	.314	.327	.333	.298	.288	.272	.276	.255	.240	.242	.241	.241	.243
11	.239	.227	.226	.219	.222	.220	.216	.228	.218	.222	.207	.204	.196	.187	.195	.194	.186	.183	.211	.209	.194	.188	.180
12	.172	.163	.162	.166	.163	.159	.156	.155	.164	.160	.163	.169	.170	.173	.174	.167	.172	.159	.151	.157	.159	.162	.165
13	.171	.173	.172	.175	.179	.175	.174	.173	.180	.184	.190	.200	.203	.207	.216	.217	.217	.213	.217	.220	.224	.227	.233
14	.242	.245	.246	.248	.254	.252	.253	.251	.250	.231	.226	.222	.219	.211	.221	.225	.217	.222	.214	.203	.213	.209	.206
15	.214	.214	.215	.217	.218	.220	.225	.237	.236	.242	.240	.229	.230	.217	.218	.220	.217	.222	.227	.219	.229	.225	.222
16	.220	.218	.206	.205	.205	.206	.207	.209	.212	.222	.217	.219	.227	.229	.234	.227	.225	.225	.220	.219	.216	.217	.217
17	.213	.213	.218	.221	.221	.220	.215	.216	.215	.221	.224	.226	.230	.238	.244	.234	.241	.235	.233	.234	.243	.256	.259
18	.270	.270	.267	.252	.234	.241	.250	.247	.256	.245	.231	.234	.225	.233	.239	.224	.222	.229	.231	.221	.224	.220	.221
19	.219	.218	.216	.214	.206	.206	.204	.210	.222	.236	.242	.245	.247	.251	.237	.221	.214	.202	.199	.204	.196	.204	.200
20	.216	.219	.217	.213	.215	.217	.212	.217	.223	.214	.212	.209	.204	.197	.204	.201	.199	.194	.195	.197	.189	.189	.190
21	.190	.190	.192	.193	.194	.191	.194	.196	.197	.199	.197	.199	.196	.198	†.201	†.207	.211	.211	.202	.217	.208	.197	.194
22	.194	.194	.194	.195	.197	.188	.186	.189	.186	.192	.186	.185	.189	.190	.189	.188	.188	.189	.184	.179	.180	.183	.183
23	.185	.188	.191	.181	.174	.180	– –	-*-	-*-	– –	.207	.213	.210	.197	.202	.192	.182	.184	.189	.201	.200	.194	.195
24	.192	.196	.200	.199	.204	.204	.206	.213	.216	.234	.253	.277	.313	.322	.326	.344	.335	.335	.349	.350	.351	.340	.332
25	.343	.348	.351	.366	.350	.338	.351	.342	.330	.318	.281	.276	.255	.251	.233	.234	.234	.225	.214	.214	.213	.216	.218
26	.220	.223	.222	.220	.220	.226	.218	.218	.224	.226	.221	.221	.233	.237	.235	.226	.213	.219	.217	.213	.217	.210	.203
27	.197	.198	.192	.204	.196	.198	.199	.199	.200	.200	.210	.213	.220	.221	.209	.217	.226	.232	.234	.236	.245	.246	.243
28	.226	.233	.234	.233	.226	.244	.218	.225	.227	.232	.227	.225	.228	.217	.218	.213	.205	.192	.192	.188	.176	.176	.164
29	.160	.153	.153	.159	.162	.157	.149	.157	.163	.168	.173	.177	.179	.173	.177	.180	.176	.173	.169	.166	*	.161	.153
30	.163	.169	.171	.162	.167	.171	– –	-*-	– –	.184	.178	.185	.188	.192	.193	.184	.184	.187	.187	.190	.191	.190	.192
31																							

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG 10°18′ W

HOURLY VALUES December 1878.

BAROMETER.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	30·039	30·042	30·042	30·038	30·039	30·036	30·037	30·030	30·028	30·030	30·029	30·017	29·995	29·987	29·980	29·999	30·010	30·019	30·028	30·046	30·045	30·062	30·068	30·076	1
2	·082	·090	·095	·104	·109	·122	·133	·149	·159	·173	·178	·177	30·175	30·176	30·174	30·178	·188	·202	·206	·216	·213	·217	·214	·213	2
3	·206	·205	·204	·198	·199	·196	·207	·215	·225	·236	·238	·233	·220	·221	·217	·229	·237	·257	·278	·289	·302	·307	·305	·322	3
4	·333	·345	·351	·351	·351	·365	·369	·386	·401	·407	·411	·404	·400	·391	·381	·386	·387	·383	·381	·381	·371	·363	·353	·351	4
5	·334	·330	·329	·330	·323	·335	·339	·346	·349	·351	·362	·344	·329	·317	·314	·321	·319	·325	·336	·352	·355	·360	·362	·374	5
6	·370	30·382	30·378	30·367	30·364	30·363	30·349	30·331	30·323	30·318	30·301	30·275	30·239	30·216	30·195	30·174	30·152	30·129	30·110	30·100	30·080	30·064	30·039	30·026	6
7	30·009	29·996	29·975	29·961	29·953	29·942	29·949	29·968	29·980	29·990	29·994	29·988	29·976	29·965	29·954	29·956	29·952	29·954	29·949	29·954	29·953	29·946	29·934	29·924	7
8	29·895	·874	·843	·823	·803	·774	·760	·765	·755	·770	·778	·775	·769	·767	·770	·779	·804	·826	·836	·851	·857	·858	·858	·866	8
9	·852	·833	·836	·828	·819	·813	·799	·800	·796	·790	·773	·761	·736	·727	·727	·734	·754	·771	·775	·790	·799	·819	·830	·844	9
10	·853	·870	·875	·884	·897	·908	·911	·916	·921	·918	29·913	29·896	29·884	·896	29·897	29·915	29·917	29·927	29·942	29·933	·938	·949	·947	·945	10
11	—	—	—	—	—	—	—	*	—	—	—	—	·990	30·002	30·005	30·001	·999	30·002	30·019	30·024	30·021	30·018	30·009	·998	·986	·975	·952	11
12	·927	·901	·874	·847	·804	·771	·763	·754	·743	·732	29·716	29·693	29·658	·624	29·602	29·587	29·569	29·553	29·533	29·523	·504	·498	·483	·469	12
13	·453	·441	·444	·438	·432	·438	·441	·452	·451	·469	·474	·472	·461	·464	·464	·482	·483	·482	·485	·494	·503	·522	·525	·529	13
14	·534	·553	·561	·586	·603	·622	·641	·677	·699	·737	·760	·766	·769	·781	·784	·800	·812	·823	·827	·835	·834	·839	·831	·819	14
15	·811	·798	·782	·778	·776	·772	·765	·760	·763	·763	·756	·740	·721	·720	·681	·664	·652	·632	·612	·596	·583	·563	·549	·530	15
16	·516	·504	·491	·483	·477	·483	·481	·499	·512	·529	·532	·527	·512	·518	·521	·533	·535	·536	·542	·550	·558	·572	·578	·592	16
17	·601	·619	·634	·652	·661	·659	·658	·668	·674	·691	·685	·679	·663	·662	·653	·652	·649	·640	·632	·624	·609	·590	·566	·544	17
18	·505	·486	·476	·461	·449	·430	·421	·426	·434	·432	·423	·415	·398	·409	·400	·398	·391	·389	·385	·392	·407	·441	·426	·431	18
19	·423	·423	·428	·433	·422	·428	·452	·457	·465	·476	·480	·486	·475	·486	·482	·505	·507	·508	·500	·506	·500	·496	·491	·480	19
20	·472	·462	·449	·442	·426	·412	·409	·412	·408	29·415	29·423	29·457	29·505	·546	·592	29·626	·662	·690	·722	·754	·771	·791	·814	·826	20
21	·834	·851	·867	·886	·901	·916	·938	·962	·982	30·002	30·010	30·007	30·001	·996	·995	30·000	·998	·996	·997	·992	·988	·981	·968	·958	21
22	·942	·928	·918	·901	·879	·868	29·861	29·863	29·872	29·877	29·886	29·900	29·899	29·907	29·908	29·928	29·937	29·938	29·944	29·952	29·946	29·961	29·967	29·962	22
23	29·960	29·965	29·974	29·982	29·985	29·997	30·003	30·025	30·043	30·054	30·050	30·046	30·048	30·087	30·112	30·123	30·144	30·144	30·165	30·174	30·175	30·199	30·201	30·222	23
24	30·230	30·240	30·240	30·236	30·231	30·244	30·241	30·251	30·266	30·258	30·250	30·236	·205	30·199	30·171	30·154	30·122	30·088	30·059	30·039	30·017	29·985	29·955	29·916	24
25	29·885	29·857	29·842	29·811	29·760	29·716	29·692	29·668	29·630	29·605	29·568	29·532	29·498	29·470	29·448	29·428	29·409	29·393	29·396	29·390	29·373	·369	·350	·350	25
26	·335	·324	·327	·323	·305	·304	·308	·320	·340	·347	·358	·354	·348	·360	·388	·419	·428	·445	·461	·490	·492	·497	·487	·486	26
27	·494	·495	·513	·514	·493	·488	·466	·453	·433	·419	·383	·368	·341	·344	·332	·330	·335	·336	·337	·350	·357	·365	·365	·374	27
28	·363	·354	·339	·314	·273	·248	·225	·208	·221	·230	·223	·219	·195	·193	·187	·188	·182	·180	29·179	29·189	29·192	29·197	29·198	29·199	28
29	29·189	·185	·198	·205	·199	·193	·205	·218	·234	·236	·214	·193	·198	·138	·123	·118	·090	·029	28·971	28·921	28·893	28·903	28·918	28·962	29
30	28·988	·012	·045	·070	·092	·093	·095	·098	·109	·127	·131	·119	·120	·121	·124	·118	·111	·102	29·092	29·073	29·063	29·049	29·052	29·055	30
31	29·068	29·092	29·122	29·138	29·149	29·159	29·170	29·192	29·202	29·228	29·224	29·243	29·259	29·274	29·301	29·332	29·368	29·410	29·453	29·502	29·559	29·603	29·635	29·675	31

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
1	477	480	481	474	470	482	478	482	491	491	486	494	478	487	486	472	478	482	486	486	482	479	479	475	1
2	477	467	467	464	461	444	451	431	431	440	475	481	479	488	488	474	437	423	407	394	395	378	373	366	2
3	357	356	343	356	365	354	364	391	410	419	429	441	450	445	433	422	417	410	399	396	388	366	364	349	3
4	340	336	338	328	329	320	320	322	316	340	371	388	413	433	429	427	417	416	415	416	420	433	476	479	4
5	481	473	474	472	466	453	451	453	454	459	466	463	466	469	465	464	461	460	456	459	455	446	435	435	5
6	421	406	377	366	370	357	349	350	354	362	372	403	467	452	457	457	457	452	454	459	458	456	443	465	6
7	457	458	458	456	459	450	449	439	431	438	450	448	449	442	450	421	423	425	420	419	415	419	412	426	7
8	430	437	446	428	429	430	443	446	430	407	411	418	412	401	401	381	387	373	380	376	373	376	376	370	8
9	371	389	391	380	379	363	378	362	·	379	373	379	389	383	397	389	379	365	362	351	354	352	358	340	9
10	341	358	353	345	…	·	·	…	·	321	343	·	390	·	399	·	378	363	362	359	343	342	323	317	10
11	313	317	310	304	300	309	·	·	336	319	346	358	366	366	360	351	329	329	323	328	313	304	302	304	11
12	302	296	297	305	325	361	·	·	…	346	348	360	369	377	359	349	338	321	322	311	309	301	287	304	12
13	298	287	290	290	289	297	298	305	311	319	304	293	298	290	295	292	299	306	318	319	321	326	·	·	13
14	…	…	…	·	·	…	…	…	294	307	323	333	347	346	348	338	302	294	288	290	297	309	318	330	14
15	388	400	412	420	424	409	416	404	422	422	396	425	441	440	430	418	402	396	404	412	398	376	380	388	15
16	369	374	373	354	350	353	353	352	356	352	363	377	379	386	384	350	330	321	326	333	329	333	327	324	16
17	321	320	316	309	295	294	306	311	301	309	327	350	373	382	405	404	403	390	416	409	423	430	427	448	17
18	457	449	450	447	440	440	440	426	418	414	413	406	404	377	372	378	399	375	365	384	382	364	349	347	18
19	342	373	360	349	378	346	339	340	337	330	383	391	369	377	396	359	346	345	338	335	346	351	354	340	19
20	340	339	333	313	316	320	339	360	370	356	349	363	366	359	358	354	344	334	335	333	320	321	319		20
21	315	309	309	324	308	307	308	316	315	316	331	347	363	379	387	370	344	339	348	346	337	332	333	325	21
22	362	397	396	410	418	425	416	409	404	414	401	416	416	414	393	368	369	348	328	347	333	339	331	323	22
23	330	323	318	318	309	304	310	324	311	317	341	355	371	390	384	372	342	333	324	314	314	313	326	315	23
24	317	297	316	340	342	328	331	334	340	336	354	382	386	393	394	392	393	391	393	391	393	409	403	404	24
25	413	409	390	384	384	384	380	383	396	396	397	404	411	442	416	419	421	428	428	429	431	425	419	413	25
26	417	413	410	413	415	412	409	398	388	398	413	412	417	407	410	394	389	380	376	369	369	366	366	367	26
27	350	347	345	352	367	367	365	364	369	373	374	381	378	369	380	395	443	403	442	447	463	461	465	467	27
28	477	470	467	467	475	469	473	479	465	471	478	479	479	476	475	458	440	442	443	433	424	417	407	404	28
29	407	404	417	407	417	413	404	420	432	431	440	453	472	474	467	460	461	469	463	468	481	526	533	528	29
30	526	523	521	527	518	506	509	512	512	509	512	514	514	515	515	518	516	519	524	526	527	521	520	527	30
31	526	524	520	526	526	522	519	518	522	521	524	503	514	515	520	515	517	520	520	502	494	493	484	477	31

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
453	457	457	460	457	460	462	469	469	469	467	473	467	469	465	459	459	457	459	450	452	452	449	449	1
450	446	441	439	436	426	431	418	417	426	445	450	453	457	456	448	420	409	399	387	384	371	369	363	2
361	352	340	361	344	349	365	374	382	394	400	400	416	414	400	395	392	389	382	369	368	349	349	338	3
334	323	330	317	322	316	316	309	311	333	362	376	395	412	411	408	407	408	409	411	417	431	472	474	4
472	464	465	455	450	443	443	427	426	425	437	446	443	445	444	440	433	433	429	429	431	428	416	419	5
409	390	361	349	355	341	329	337	339	346	363	395	442	436	439	439	438	435	433	439	439	431	444	440	6
447	439	436	434	433	425	425	421	413	414	416	415	421	409	416	399	400	392	391	389	386	386	381	389	7
394	404	413	406	402	407	413	420	409	389	391	388	386	370	373	361	364	344	346	343	342	347	346	359	8
361	372	371	359	361	350	358	348	351	367	366	368	372	369	377	369	359	346	340	336	333	335	343	333	9
…	…	…	·	·	…	…	…	310	332	338	372	389	380	369	356	339	341	332	322	326	308	301	301	10
249	…	…	…	·	·	…	…	298	319	332	336	330	326	321	309	308	303	309	297	290	·	294		11
291	…	…	…	·	·	…	…	344	348	359	363	366	354	343	333	321	319	307	305	293	·	299		12
291	286	285	282	281	286	288	286	295	299	295	283	287	286	290	289	292	300	305	306	309	311	318	·	13
…	…	·	·	…	…	283	285	294	297	309	320	…	…	·	·	…	…	286	286	288	299	309	·	14
348	372	396	405	399	399	401	385	402	406	389	416	413	403	401	394	381	382	378	381	381	367	374	360	15
362	368	368	350	346	348	340	343	344	340	352	366	357	356	356	332	313	305	312	326	328	329	320	317	16
313	305	300	294	·	278	293	293	293	298	·	327	353	369	381	387	388	374	386	380	397	395	395	411	17
417	429	423	421	411	409	408	400	400	396	392	389	387	363	351	351	348	357	357	365	362	360	345	341	18
358	359	349	343	363	340	335	336	334	338	370	374	361	361	376	348	342	340	332	331	339	341	343	334	19
336	336	338	309	313	319	336	350	350	345	350	361	344	341	333	338	324	320	319	321	308	312	312		20
311	302	302	·	·	300	302	310	307	307	·	·	348	366	373	360	337	331	340	337	328	324	327	319	21
382	372	373	379	379	380	389	388	388	392	389	389	391	390	371	353	351	338	322	335	328	333	326	315	22
321	318	313	316	304	300	…	·	…	316	·	350	357	366	356	343	324	310	303	299	298	298	297	299	23
294	285	290	313	317	305	301	·	308	317	325	341	358	366	367	364	366	361	362	362	365	366	371	373	24
379	381	377	372	389	389	396	387	388	394	393	397	400	403	409	417	417	414	411	408	407	408	401		25
405	405	405	407	407	406	405	394	389	400	399	406	392	397	380	374	367	367	356	356	356	353	349		26
336	334	333	335	343	340	342	342	347	349	352	360	364	362	374	382	419	395	415	419	430	437	442	442	27
464	456	451	452	453	454	458	458	463	459	463	469	467	459	454	444	443	431	414	410	410	401	392	396	28
394	397	403	399	409	405	395	409	421	419	427	435	451	454	453	452	452	463	454	461	477	514	518	506	29
503	500	497	495	489	489	495	497	497	492	496	492	490	489	492	499	491	495	499	499	496	497	498	497	30
493	496	497	496	497	497	496	492	490	493	491	489	488	491	489	486	484	484	485	482	476	479	469	462	31

* Record defective or Instrument out of action † Reading of Standard ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster S. W.
ROBERT H. SCOTT. Secretary.

VALENCIA OBSERVATORY LAT: 51°55′ N. LONG: 10°18′ W.

HOURLY VALUES December 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	30	12	30	14	29	14	29	14	29	13	30	18	29	15	29	20	28	20	29	16	29	23	29	20	31	20	30	18	30	23	31	19	31	16	32	19	32	17	1	14	32	10·5	32	12	32	6·5	1
2	32	5·5	32	8·5	32	7·5	32	4	32	4·5	32	6·5	32	7·5	32	2	32	3	32	2	32	7·5	32	4	32	4	32	4	32	5·5	32	4	32	1·5	32	2	32	2	32	2	32	1·5	32	1·5	32	1·5	2
3	32	1·5	32	1·5	32	2	32	1·5	32	2	32	1·5	32	3	32	10·5	4	7·5	4	7·5	4	6·5	4	7·5	4	9·5	10·5	5	14	3	9	3	3	5	4·5	6	4·5	6	7·5	6	4	6	1·5	6	2·	6	4·5	3
4	6	4	6	2	6	2	6	1·5	6	1·5	6	4	6	2	6	4	6	1·5	6	2	6	3	6	2	6	4·5	5·5	6	5·5	6	3	6	2	6	2	6	2	6	3	6	1·5	6	7·5	32	10·5	30	9·5	4
5	30	10·5	30	5·5	30	6·5	31	1·8	1	1·6	2	9·5	2	4·5	2	1·3	2	1·4	2	1·3	2	1·0	2	7·5	32	11	9·5	32	10·5	32	1·4	32	1·2	1	0·5	32	1·2	1	0·5	1	6·5	1	5·5	1	7·5	5
6	2	4	2	7·5	2	3	2	2	2	1·5	2	3	2	3	2	2	2	3	2	3	2	2	2	4	29	13	0·6	29	13	29	12	29	15	30	17	29	18	29	19	29	19	29	20	30	18	31	1·6	6
7	31	20	31	21	31	21	31	23	32	22	32	23	1	1·3	1	9·5	1	4·5	1	10·5	1	1·5	2	11	1	1·5	1·7	1	1·6	2	1·5	1	1·3	1	1·6	1	1·2	1	1·1	1	1·4	1	10·5	1	8·5	1	1·1	7
8	1	1·2	32	1·4	31	20	32	20	32	20	31	23	31	26	31	27	32	26	1	20	1	26	2	20	2	26	1·2·3	2	22	2	1·8	4	1·9	4	1·2	2	1·2	2	1·3	2	9·5	2	8·5	2	1·2	1	10·5	8
9	1	10·5	1	1·4	32	6·5	32	6·5	2	4·5	2	1·5	2	6·5	1	5·5	1	5·5	1	8·5	1	2	2	8·5	2	10·5	2·10·5	2	12	3	1·3	5	9·5	5	6·5	5	6·5	5	7·5	5	6·5	5	11	5	1·5	5	1·1	9
10	4	1·5	6	9·5	6	10·5	5	11	5	9·5	5	8·5	5	4	5	3	5	2	5	3	5	2	5	6·5	2	1·9	4·5	4	8·5	5	10·5	6	1·2	6	1·3	6	1·1	3	1·6	6	1·1	6	5·5	6	4·5	6	4·5	10
11	6	3	6	1·5	6	2	6	4	6	2	6	2	6	3	6	8·5	6	5·5	6	3	6	1·2	6	1·7	6	1·3	6·7	5	1·5	5	7·5	5	3	5	4	5	5·5	5	5·5	5	1·5	5	1·5	5	1·5	5	1·5	11
12	5	2	5	2	5	4·5	5	4	5	6·5	5	9·5	32	8·5	32	3	32	2	32	6·5	5	4·5	5	2	5	1·5	5·2	5	1·5	5	1·5	5	4	5	4	5	2	5	3	5	4	5	4	5	4	5	4·5	12
13	5	1·5	5	4·5	5	8·5	5	4·5	5	3	5	4·5	5	6·5	5	7·5	5	10·5	5	10·5	5	1·4	4	1·6	4	1·6	2·1·5	2	1·9	2	1·4	2	10·5	2	7·5	2	1·3	2	1·2	2	1·1	2	7·5	2	1·2	3	1·2	13
14	3	1·2	3	10·5	3	1·8	3	1·6	3	1·4	3	8·5	3	6·5	3	10·5	3	6·5	3	4·5	3	4	3	4·5	3	2	3·3	3	2	3	1·5	3	1·5	3	1·5	3	4	3	4·5	3	4·5	3	5·5	3	4·5	3	5·5	14
15	31	10·5	29	1·3	25	2·3	25	1·4	25	10·5	26	5·5	26	8·5	26	10·5	26	7·5	26	7·5	28	11·	28	6·5	27	10·5	7·4	28	1·2	28	8·5	28	7·5	28	4·5	28	7·5	28	4·5	28	4·5	28	4·5	28	3	28	2	15
16	28	4·5	28	5·5	28	4·5	28	3	28	4	28	2	28	2	28	8·5	30	11	1	8·5	1	9·5	1	9·5	1	7·5	1·5·5	1	4·5	1	3	1	3	1	2	1	4	1	2	1	3	2	4	2	2	2	4	16
17	2	3·5	2	5·5	2	6·5	2	2	2	3	2	2	2	1·5	2	2	2	3	2	2	2	3	10	3	11	1·5	1·4	1	1·1	29	11	29	10·5	29	11	28	18	26	16	26	19	26	21	25	20	24	29	17
18	24	32	25	29	26	24	27	20	28	18	27	20	28	17	28	18	28	11	29	12	28	13	29	20	29	14	1·9	30	15	29	16	29	20	28	18	28	15	30	13	32	8·5	32	8·5	1	3	2	5·5	18
19	30	10·5	32	11	2	6·5	2	6·5	30	16	30	8·5	30	7·5	31	4	31	3	29	10·5	30	20	29	14	31	11	1·8·5	32	8·5	3	8·5	3	2	4	4	4	4	5	8·5	8	4	8	4·5	8	6·5	14	7·5	19
20	5	6·5	8	5·5	8	5·5	8	4·5	8	12	9	12	9	6·5	17	6·5	18	14	15	17	12	23	8	24	7	22	5·4	4	14	4	13	5	4·5	5	9·5	3	7·5	3	5·5	3	1·5	3	3	3	1·5	3	2	20
21	3	1·5	3	1·5	3	2	3	2	3	3	3	2	3	1·5	3	1·5	3	1·5	3	1·5	3	1·5	3	1·5	3	2	3·3	3	4	3	4	3	4	3	4	3	4	3	3	3	3	3	2	3	1·5	3	1·5	21
22	30	8·5	30	10·5	27	11	26	17	26	17	26	19	27	20	27	20	28	10·5	29	9·5	32	6·5	1	7·5	2	7·5	2·5·5	4	3	4	2	4	2	4	3	4	2	4	3	4	2	4	3	4	5·5	4	4	22
23	4	2	4	2	4	1·5	4	2	4	2	4	3	4	3	4	2	4	2	4	1·5	4	3	4	7·5	4	10·5	5·7·5	5	6·5	5	4·5	5	4·5	5	2	5	2	5	4	5	2	5	1·5	5	3	5	2	23
24	5	4	5	1·5	5	3	5	7·5	5	5·5	5	3	5	8·5	7	4·5	7	9·5	7	6·5	7	7·5	7	17	7	11	7·2·2	9	30	9	29	9	30	9	28	8	26	10	30	9	30	8	28	8	30	8	26	24
25.	8	27	9	23	11	24	10	22	8	29	8	27	8	28	8	30	8	33	8	30	8	32	9	31	9	35	9·3·2	8	28	8	34	9	30	9	31	10	18	7	11	8	14	9	13	9	8·5	10	4	25
26	10	2	10	3	8	1·5	8	1·5	7	4	7	3	7	1·5	7	4·5	3	6·5	3	3	3	5·5	3	5·5	3	3	9·3	3	10·5	6	7·5	6	5·5	3	7·5	4	9·5	3	14	3	14	4	11	5	11	4	11	26
27	2	9·5	2	9·5	2	2	2	3	6	8·5	6	9·5	9	5·5	9	6·5	9	10·5	9	7·5	9	4·5	9	9·5	10	10·5	0·1·5	10	12	10	12	2	10·5	27	6·5	23	17	22	17	22	20	22	20	22	14	22	16	27
28	21	20	19	15	19	18	14	27	20	30	17	34	17	36	18	40	18	40	18	33	17	28	18	23	18	20	9·1·3	19	13	19	5·5	19	2	19	3	23	6·5	23	4·5	23	2	23	2	23	1·5	23	3	28
29	17	4·5	15	10·5	14	12	14	10·5	14	12	14	12	14	4	14	3	14	3	10	6·5	11	4·5	11	7·5	11	14	1·2·7	12	29	12	28	12	26	12	34	13	40	13	46	14	46	19	41	20	43	20	41	29
30	20	40	20	39	20	44	20	42	19	39	19	33	17	41	17	49	17	46	18	44	18	42	18	43	19	40	1·4·0	18	40	17	46	17	49	17	53	17	51	17	56	18	52	18	53	19	49	20	56	30
31	21	50	20	50	21	47	20	49	21	48	20	46	21	45	20	48	20	51	20	45	20	47	21	43	21	41	1·4·0	21	40	21	40	22	43	22	47	22	40	23	27	24	20	25	15	25	10·5	26	7·5	31

RAINFALL GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	005	002	005	005	005	002	003	.	020	002	003	010	.	.	.	.	.	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	015	015	015	035	033	010	4
5	010	.	.	.	.	002	002	002	006	.	015	008	005	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	003	.	.	.	.	027	003	002	005	003	017	003	020	005	010	6
7	025	007	003	010	005	003	003	002	002	.	.	018	007	005	002	018	.	.	.	.	.	.	.	.	7
8	.	.	.	025	010	015	003	039	031	047	.	.	.	.	.	.	.	.	.	.	.	.	.	042	8
9	035	003	.	.	005	.	.	007	028	002	028	.	003	002	001	001	001	002	.	.	.	.	.	.	9
10	.	.	.	.	.	002	.	.	.	003	015	.	.	005	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	.	.	.	035	033	007	005	010	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	Melted Snow at 11am = 062																								14
15	Melted Snow at 11am = 045																								15
16	005	083	050	008	.	.	003	002	002	.	.	.	.	022	013	.	.	005	002	002	.	.	.	.	16
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	054	008	030	002	002	002	008	020	024	003	002	008	050	010	.	.	015	020	015	010	010	060	.	18
19	035	030	.	042	018	040	080	035	020	022	045	003	120	002	003	050	010	.	.	.	.	.	020	005	19
20	028	005	002	002	002	004	004	016	027	040	040	018	005	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	001	007	004	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	018	020	002	002	002	004	004	016	010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	003	027	055	025	037	033	050	.	.	030	003	.	.	.	.	.	.	.	005	037	015	002	002	25
26	006	025	003	014	003	007	016	002	002	003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	003	100	120	.	.	.	.	.	003	002	.	002	002	27
28	001	.	030	033	238	180	003	034	030	010	003	.	002	005	.	.	.	.	.	.	.	.	.	.	28
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	027	028	185	152	033	.	.	29
30	.	.	002	002	001	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30
31	.	.	.	.	.	.	005	127	003	.	.	.	.	.	.	.	.	.	.	035	007	013	005	002	31
	145	238	145	223	316	296	198	366	200	178	196	055	240	213	059	082	013	054	068	247	256	151	130	047	

* Record declared in Instrument out of action. * Obtained from reading of Standard. * Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	278	277	293	291	283	293	305	295	295	295	300	305	299	291	293	286	276	278	258	265	268	262	267	1
2	267	261	258	256	252	254	250	248	257	259	262	271	272	270	266	247	240	237	227	221	212	214	211	2
3	201	192	199	177	198	198	206	201	210	216	204	225	227	212	219	213	213	212	191	197	184	187	181	3
4	166	178	164	173	172	172	163	167	182	203	212	222	235	237	239	242	246	249	252	260	275	320	320	4
5	304	305	284	280	279	281	244	241	236	263	274	265	265	268	260	249	250	246	243	251	255	242	248	5
6	219	195	184	191	180	163	178	178	184	204	233	261	264	266	266	269	260	251	265	267	263	268	265	6
7	265	259	256	251	243	244	247	239	234	225	226	236	220	225	222	222	206	209	206	204	201	198	201	7
8	221	224	227	220	228	227	239	232	216	216	205	206	188	193	191	191	169	167	166	166	168	170	198	8
9	204	200	188	193	190	† 189	187	*	204	209	205	204	203	205	198	189	181	173	163	167	173	182	171	9
10	---	---	*	*	---	---	---	---	156	176	*	† 203	*	† 208	*	† 185	170	175	162	157	166	150	143	142	10
11	---	---	---	*	*	---	---	---	134	150	162	163	153	152	149	146	145	141	147	138	135	*	145	11
12	---	---	---	*	*	---	---	---	194	202	210	207	204	202	191	184	183	177	165	163	147	*	157	12
13	155	145	136	135	135	139	125	137	136	148	134	136	148	150	153	147	156	150	151	154	153	*	*	13
14	---	---	*	*	---	---	---	163	147	152	164	---	---	*	*	---	---	153	148	141	148	158	*	14
15	193	225	235	219	234	231	213	227	233	229	248	229	211	217	216	207	215	199	198	211	207	210	202	15
16	211	212	200	196	197	199	188	186	182	194	193	186	178	179	168	153	146	157	176	186	182	172	169	16
17	147	141	137	*	120	139	132	147	146	*	159	184	201	204	216	219	207	203	198	217	206	209	218	17
18	252	239	238	226	222	220	219	227	223	217	220	216	198	182	180	154	190	201	195	190	189	195	190	18
19	195	191	191	197	189	187	188	188	193	205	206	203	195	204	190	193	190	182	184	187	185	186	184	19
20	189	184	166	172	180	189	193	198	197	195	190	195	183	179	169	177	160	163	160	166	153	161	164	20
21	155	155	*	*	154	157	164	159	157	*	*	186	202	208	200	185	179	186	183	176	173	178	173	21
22	196	198	195	189	186	208	212	218	216	223	208	212	212	198	189	185	182	174	178	180	183	179	166	22
23	173	168	175	160	159	---	*	---	177	*	† 199	194	192	179	168	162	145	140	142	140	141	127	141	23
24	133	122	144	150	141	131	*	136	155	154	157	182	189	190	186	189	182	182	184	187	182	188	190	24
25	200	212	208	202	202	201	200	202	202	212	218	222	219	225	226	230	234	240	239	241	242	242	234	25
26	243	246	247	245	246	247	236	220	226	232	231	240	222	229	214	208	203	198	194	194	197	192	190	26
27	176	176	173	173	168	174	175	178	177	182	189	199	205	210	217	239	233	232	234	241	258	263	261	27
28	289	281	284	276	285	289	282	288	295	295	308	303	288	278	276	272	265	227	231	241	235	228	234	28
29	236	240	237	247	243	232	243	255	252	259	261	275	279	286	292	291	307	293	304	326	372	365	340	29
30	331	314	321	321	326	337	338	338	329	335	323	318	315	322	336	318	324	328	325	321	327	330	319	30
31	320	315	318	310	313	326	318	308	317	308	329	313	320	308	307	300	296	299	312	307	316	302	294	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT. 54°21′ N LONG 6°39′ W

HOURLY VALUES December 1878.

BAROMETER.

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·693	29·682	29·678	29·664	29·658	29·639	29·631	29·624	29·623	29·635	29·632	29·626	29·628	29·640	29·656	29·665	29·687	29·708	29·740	29·751	29·765	29·781	29·790	29·804	1
2	29·821	29·836	29·853	29·866	29·884	29·902	29·911	29·929	29·942	29·964	29·975	29·969	29·965	29·963	29·968	29·975	29·974	29·987	29·991	29·996	30·001	30·009	30·019	30·016	2
3	30·015	30·009	30·015	30·014	30·021	30·023	30·036	30·050	30·064	30·070	30·074	30·071	30·077	30·074	30·076	30·087	30·093	30·113	30·129	30·137	·144	·149	·154	·162	3
4	·170	·171	·165	·160	·164	·161	·159	·168	·175	·171	·169	·155	·141	·125	·118	·110	·104	·091	·089	·088	·086	·079	·080	·078	4
5	·070	·069	·054	·046	·038	·034	·033	30·036	30·035	30·033	30·029	30·018	30·014	30·008	30·017	30·047	30·063	30·079	30·098	30·096	30·114	30·123	30·137	30·137	5
6	30·117	30·100	30·090	30·069	30·052	30·033	30·010	29·994	29·975	29·956	29·926	29·874	29·838	29·805	29·784	29·758	29·737	29·715	29·700	29·702	29·696	29·682	29·676	29·677	6
7	29·668	29·681	29·683	29·678	29·679	29·669	29·673	·686	·683	·690	·681	·682	·681	·676	·668	·674	·666	·671	·670	·642	·622	·614	·599	·574	7
8	·555	·542	·520	·496	·474	·463	·451	·461	·464	·475	·484	·490	·500	·492	·498	·517	·531	·535	·547	·553	·558	·553	·553	·543	8
9	·531	·525	·520	·509	·506	·489	·487	·502	·505	·514	·520	·518	·515	·521	·522	·534	·549	·572	·578	·592	·616	·629	·644	·645	9
10	·640	·648	·652	·651	·643	·638	·640	·648	·665	·680	·705	·708	·713	·717	·727	·740	·748	·755	·762	·768	·769	·772	·776	·777	10
11	·775	·782	·795	·792	·798	·804	·808	·813	·832	·835	·837	·834	·823	·812	·808	·799	·790	·778	·770	·746	·716	·690	·671	·640	11
12	·617	·588	·558	·538	·520	·499	·483	·478	·476	·470	·456	·435	·418	·395	·383	·370	·361	·346	·352	·346	·338	·338	·337	·322	12
13	·318	·319	·318	·321	·328	·326	·333	·348	·361	·372	·382	·380	·381	·385	·391	·400	·409	·419	·428	·441	·454	·474	·483	·483	13
14	·481	·487	·489	·484	·490	·486	·491	·506	·522	·533	·543	·534	·528	·524	·528	·528	·524	·522	·518	·517	·516	·510	·505	·498	14
15	·488	·478	·463	·459	·452	·451	·452	·443	·456	·460	·459	·451	·452	·435	·417	·404	·392	·383	·373	·368	·367	·358	·346	·340	15
16	·327	·317	·312	·316	·303	·296	·301	·305	·320	·331	·337	·329	·323	·317	·327	·335	·346	·357	·367	·373	·366	·371	·371	·375	16
17	·373	·373	·374	·381	·385	·376	·378	29·383	29·389	29·386	29·363	29·350	29·337	29·320	29·312	29·296	29·280	29·256	29·230	29·187	29·148	29·112	29·084	29·071	17
18	29·060	29·039	·045	·033	·022	·013	·000	28·982	28·982	28·961	28·948	28·920	28·900	28·909	28·912	28·914	28·929	28·929	28·948	28·961	28·976	28·981	28·981	28·978	18
19	28·983	28·996	·008	·005	·029	·013	·026	29·045	29·063	29·064	29·092	29·096	29·107	29·117	29·116	29·150	29·152	29·155	29·170	29·189	29·209	29·214	29·227	29·243	19
20	29·236	29·247	·256	·259	·265	·265	·287	·301	·319	·341	·353	·360	·363	·371	·388	·403	·425	·444	·471	·495	·523	·544	·566	·582	20
21	·594	·606	·628	·634	·634	·641	·667	·681	·688	·691	·689	·674	·656	·658	·647	·635	·620	·598	·582	·566	·556	·559	·573	·576	21
22	·569	·573	·576	·569	·571	·567	·575	·598	·597	·603	·622	·606	·610	·608	·615	·625	·632	·637	·642	·650	·658	·658	29·665	29·656	22
23	29·653	29·658	29·667	29·669	29·667	29·666	29·676	29·716	29·738	29·754	29·781	29·787	29·783	29·788	29·817	29·833	29·856	29·886	29·915	29·929	29·964	29·993	30·008	30·021	23
24	30·044	30·060	30·071	30·075	30·080	30·090	30·108	30·124	30·136	30·140	30·142	30·141	30·134	30·129	30·106	30·104	30·098	30·077	30·069	30·056	30·047	30·035	30·019	29·998	24
25	29·983	29·967	29·937	29·918	29·876	29·853	29·839	29·806	29·793	29·779	29·748	29·704	29·656	29·619	29·578	29·554	29·518	29·509	29·506	29·479	29·454	29·432	29·412	·387	25
26	·366	·342	·338	·322	·296	·276	·274	·274	·282	·276	·272	·261	·248	·245	·257	·259	·265	·274	·286	·293	·296	·300	·299	·296	26
27	·289	·288	·294	·294	·281	·287	·295	·300	·300	·286	·269	·260	·245	·237	·232	·213	·191	·176	·173	·175	·172	·162	·151	29·150	27
28	29·151	29·163	29·164	29·170	29·163	29·173	·183	·185	·192	·180	·150	·129	·092	·071	·054	·044	·035	·026	·027	·014	29·005	29·012	29·000	28·993	28
29	28·974	28·964	28·982	28·978	28·989	28·998	29·027	29·036	29·060	29·077	29·092	29·090	29·095	29·081	29·086	29·078	29·086	29·074	29·036	29·005	28·949	28·903	28·853	·762	29
30	·713	·708	·732	·764	·788	·794	28·819	28·852	28·891	28·906	28·893	28·881	28·862	28·857	28·871	28·882	28·881	28·891	28·878	28·867	28·857	28·839	28·820	28·786	30
31	28·757	28·743	28·762	28·755	28·753	28·759	28·765	28·779	28·800	28·802	28·804	28·785	28·770	28·767	28·769	28·779	28·798	28·812	28·835	28·953	29·043	29·115	29·168	29·242	31

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	39·7	39·0	38·0	37·3	37·6	38·0	40·0	40·0	41·0	41·0	41·8	42·7	44·7	41·4	42·0	41·0	39·7	40·3	41·2	41·0	41·5	41·4	40·6	39·1
2	38·4	36·0	34·0	34·7	32·9	32·7	32·1	31·4	31·9	33·6	34·2	36·0	38·5	38·6	39·0	38·0	37·9	38·0	37·8	37·1	36·3	35·9	35·2	34·4
3	34·2	33·5	32·9	32·3	32·2	32·2	32·2	31·9	32·1	33·4	34·9	35·2	36·2	37·3	37·2	36·9	35·5	33·1	33·0	31·1	31·0	30·2	29·8	28·9
4	28·9	27·3	27·1	26·2	26·2	26·1	25·7	25·1	26·1	30·5	33·1	34·4	35·8	35·6	36·0	35·2	35·0	35·0	35·0	35·0	35·0	35·6	35·9	36·6
5	35·6	35·2	36·4	35·4	36·1	36·1	35·4	36·3	36·6	36·9	39·0	40·7	42·1	42·1	41·5	39·5	37·9	36·9	35·0	34·2	32·0	32·9	32·2	31·0
6	37·1	32·9	33·1	34·2	33·9	33·3	33·1	33·0	34·0	34·5	35·1	36·2	38·0	38·1	38·3	38·5	39·6	39·4	39·0	38·7	38·1	38·1	38·4	38·8
7	38·2	37·8	36·2	37·2	36·5	36·9	37·3	36·2	35·9	36·4	36·1	38·9	38·6	35·9	35·2	35·0	33·4	32·7	33·3	33·0	34·4	34·0	33·2	33·0
8	33·2	33·0	33·0	33·2	33·1	33·0	32·8	32·3	31·2	30·0	30·5	30·5	31·6	31·9	32·0	29·6	28·9	27·3	26·9	26·1	24·9	†24·5	24·9	24·8
9	26·2	28·1	29·4	30·9	31·8	31·9	32·3	31·2	31·2	31·0	30·4	30·9	30·8	30·9	30·7	29·9	27·1	24·2	22·5	22·0	22·2	21·2	22·6	21·9
10	21·0	20·3	21·9	22·9	24·7	25·9	25·7	25·8	26·0	27·3	27·7	31·0	31·8	31·9	32·2	29·6	29·0	28·0	25·8	24·0	23·9	20·4	21·3	20·0
11	19·9	19·9	19·9	19·9	20·1	19·9	19·9	20·2	21·2	22·0	23·3	25·0	25·9	26·9	26·9	26·3	25·9	25·1	25·2	24·8	27·1	27·0	27·8	28·2
12	28·3	29·3	30·0	30·7	30·4	30·4	30·3	29·3	29·7	31·0	31·9	32·9	32·1	31·4	31·5	30·0	29·4	29·7	29·3	28·2	28·1	28·9	28·8	29·0
13	28·2	28·0	29·0	28·3	28·1	28·0	28·1	28·0	28·3	29·3	30·9	31·0	30·0	28·3	26·0	23·8	24·9	27·0	25·5	21·8	20·2	18·4	18·6	16·9
14	17·9	16·9	17·9	18·7	18·5	18·1	20·0	21·3	19·9	18·0	19·8	21·9	23·7	24·7	25·0	24·9	23·2	23·9	24·0	25·4	26·9	27·0	27·9	28·0
15	28·6	29·1	28·0	28·2	29·0	29·0	29·9	29·7	29·9	29·9	31·1	31·2	32·0	32·5	32·7	32·1	32·0	31·0	30·8	30·1	29·8	29·1	29·8	29·4
16	28·9	27·9	27·0	26·5	26·0	24·8	22·7	21·5	20·0	20·2	21·0	21·5	22·0	21·7	21·0	20·0	19·5	18·8	18·6	19·6	19·5	19·6	19·5	20·9
17	21·0	22·4	23·7	23·9	23·7	24·0	24·4	24·9	24·9	24·9	27·0	27·0	28·9	29·0	29·0	28·4	30·0	30·6	31·3	31·3	31·5	32·1	32·3	32·8
18	32·9	32·7	33·0	32·2	31·0	30·1	31·3	30·5	31·0	31·8	32·2	33·9	34·0	33·9	34·1	34·1	35·7	34·3	34·4	34·6	33·9	34·1	33·9	34·0
19	34·6	35·0	34·7	33·8	34·0	34·1	31·8	31·9	31·8	33·9	34·0	34·5	35·0	34·9	33·9	32·2	31·2	31·0	30·3	30·0	29·2	28·4	27·7	26·4
20	26·4	25·5	26·0	26·0	27·0	27·6	28·0	28·2	28·6	27·2	26·3	25·9	26·9	26·9	27·1	27·0	26·8	27·6	28·0	27·3	27·0	26·4	25·0	24·6
21	24·9	24·0	23·4	23·1	23·4	23·7	25·0	25·0	25·0	26·4	29·0	30·7	31·0	31·1	31·2	31·0	31·4	31·9	31·9	32·0	33·3	33·8	33·4	32·9
22	32·6	32·4	31·0	30·3	29·4	28·7	27·5	27·7	27·9	28·7	29·3	29·9	30·5	30·2	30·0	29·5	28·0	27·2	26·0	26·7	27·9	27·6	25·9	27·0
23	25·3	25·9	27·1	26·1	26·9	26·4	26·5	24·5	25·0	27·4	28·2	29·5	29·9	29·0	29·9	28·7	28·2	26·5	25·1	23·0	22·5	22·8	22·9	23·3
24	23·1	21·8	20·0	20·4	19·5	19·0	18·0	18·0	17·8	17·2	17·6	19·5	19·4	20·3	20·0	18·9	18·0	15·7	14·3	13·2	11·7	10·2	9·0	7·9
25	6·9	6·9	7·7	7·7	8·8	10·4	12·7	15·4	16·3	17·0	16·7	17·9	22·9	26·9	27·0	30·0	32·0	32·5	33·1	32·8	32·1	31·9	32·0	32·0
26	32·0	32·0	32·0	31·9	31·0	31·2	31·9	32·0	32·0	32·1	32·7	32·5	33·0	33·0	33·2	33·1	33·3	33·7	33·7	37·5	33·4	33·9	33·8	33·7
27	33·5	33·6	33·4	33·3	33·2	33·3	33·0	32·9	32·9	32·7	33·0	33·5	34·0	33·2	32·9	32·2	32·0	31·9	31·8	31·6	31·9	31·7	32·2	32·2
28	32·3	32·3	32·6	32·9	32·8	32·5	32·5	32·4	33·0	33·0	36·1	36·2	38·7	39·5	39·9	40·3	40·1	39·7	39·8	39·9	39·1	38·6	38·0	37·9
29	37·6	37·3	37·4	36·1	35·9	35·3	35·6	35·6	36·1	36·2	35·8	36·4	36·0	36·4	37·1	38·0	38·1	39·0	38·9	40·0	41·7	42·1	42·0	42·9
30	43·9	44·0	44·3	44·2	44·8	45·1	44·0	43·2	43·1	44·7	45·7	46·7	46·9	48·3	46·8	45·9	45·6	45·9	45·8	45·1	45·1	46·0	46·9	47·9
31	48·0	49·0	48·3	48·0	47·3	47·0	47·3	47·0	47·7	47·7	48·6	49·0	48·4	47·8	47·9	48·0	47·4	47·0	46·9	44·6	44·2	42·6	42·5	41·1

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
39·0	38·4	37·4	36·9	37·0	37·5	39·2	39·2	40·2	40·0	40·0	41·0	42·0	40·3	40·8	39·3	38·3	39·3	40·3	40·6	40·9	41·0	40·0	38·9	1
38·1	35·8	33·9	34·3	32·5	32·2	31·6	31·0	31·2	33·0	33·4	35·2	37·4	37·9	38·0	37·3	37·0	37·2	37·0	36·4	35·9	35·2	34·8	33·9	2
33·8	33·0	32·3	31·8	31·9	31·9	31·6	31·1	31·4	32·7	34·0	34·3	35·6	36·5	36·5	36·1	34·9	32·6	32·5	30·6	30·2	29·5	*	28·3	3
28·2	27·0	26·9	25·6	26·0	25·8	25·0	24·4	26·0	30·0	*	*	34·9	34·8	35·0	34·6	34·6	34·7	34·8	34·8	34·7	35·2	35·7	36·4	4
35·4	35·0	36·0	35·0	35·9	35·9	35·0	35·9	36·1	36·4	38·5	40·0	41·4	41·0	40·1	37·9	36·1	34·0	33·0	31·8	30·7	30·9	30·2	29·9	5
30·8	31·4	31·9	32·0	32·0	31·9	31·7	31·9	32·3	32·8	33·7	35·0	36·8	37·0	37·6	37·9	38·8	38·4	38·1	38·0	37·7	37·2	37·7	38·2	6
37·0	35·9	34·4	35·2	35·2	35·3	35·7	35·2	34·9	35·0	34·9	35·9	36·1	34·4	34·3	33·9	32·4	31·9	32·0	32·0	33·1	33·0	32·3	32·1	7
32·9	32·2	32·5	32·8	32·8	32·6	32·0	*	*	†29·7	29·2	29·1	30·0	29·9	30·0	28·2	27·7	26·2	25·8	25·1	24·0	†24·1	24·0	23·8	8
25·6	27·6	28·9	30·2	31·0	31·2	31·8	30·9	30·9	30·4	29·9	30·0	30·0	29·9	29·9	29·0	26·2	23·3	22·1	21·4	21·9	20·9	21·9	21·0	9
20·4	20·0	21·0	22·0	23·7	25·0	25·0	25·0	25·0	26·6	27·0	30·1	30·9	30·8	30·3	*	28·1	27·3	25·0	23·4	23·0	20·0	20·7	19·1	10
19·1	19·0	19·1	19·1	19·3	19·0	19·0	20·0	20·9	21·3	22·9	24·3	25·0	26·0	26·0	25·5	24·9	24·3	24·4	24·0	26·1	26·0	27·0	27·5	11
27·4	28·3	29·1	30·0	29·9	30·0	30·0	29·0	29·1	30·4	*	*	31·3	31·0	*	*	29·0	29·7	28·9	27·9	27·8	28·2	28·3	28·4	12
28·0	28·0	28·3	28·1	27·9	27·5	28·0	27·9	28·0	29·0	30·6	31·0	30·0	26·0	25·4	23·3	24·6	21·3	25·0	21·0	19·3	18·0	18·0	16·2	13
17·4	15·9	17·2	18·0	17·9	17·6	19·5	21·0	19·2	17·8	18·6	20·9	23·0	23·9	24·2	24·0	22·7	23·0	23·1	24·7	26·0	26·0	27·0	27·5	14
28·0	28·2	27·3	27·8	28·3	28·5	29·2	29·0	29·5	29·3	30·7	30·9	31·2	31·7	31·9	31·9	31·5	30·4	30·1	29·9	29·1	28·7	29·2	29·0	15
28·2	27·3	26·6	25·9	25·8	24·0	22·1	21·0	19·2	19·9	20·3	21·0	21·2	20·9	20·2	19·0	18·5	18·2	17·9	18·9	18·6	18·9	18·9	20·0	16
19·9	21·9	23·3	23·2	23·0	23·3	23·8	23·9	24·0	24·0	26·1	26·6	28·0	28·1	28·1	27·9	29·2	30·0	30·9	30·9	31·0	31·3	31·4	31·9	17
...	...	*	...	...	29·1	30·4	29·2	29·9	30·0	30·6	*	*	33·0	33·2	33·1	33·8	33·2	33·2	33·2	33·0	33·2	33·0	32·9	18
33·2	33·9	33·0	32·7	32·9	33·0	30·9	30·9	*	†32·9	32·4	32·8	33·2	33·1	32·5	31·2	30·7	*	*	29·3	28·3	27·9	27·0	25·9	19
25·9	24·9	25·1	25·4	26·5	26·9	27·3	27·9	28·0	27·0	26·0	25·3	26·1	25·9	26·3	26·2	26·1	26·9	27·6	26·9	26·8	26·1	24·8	24·1	20
24·1	23·9	23·0	22·5	22·8	23·0	24·0	24·2	24·4	25·9	28·3	30·0	30·4	30·5	30·9	30·3	31·0	31·2	31·2	31·3	*	*	32·3	32·2	21
32·0	31·9	*	*	28·9	28·0	27·0	27·1	27·3	28·0	28·7	29·0	29·6	28·9	28·8	28·8	27·1	26·5	25·3	25·9	27·0	26·9	25·1	26·2	22
24·8	25·1	26·1	25·4	26·2	25·9	25·8	23·7	24·3	26·9	27·5	28·9	29·0	27·9	28·6	27·8	27·5	26·0	24·7	22·2	22·0	22·1	22·4	22·9	23
22·6	21·2	19·3	19·6	19·0	18·3	17·6	17·6	17·1	16·9	17·0	18·4	18·9	19·9	19·2	18·7	17·4	15·2	14·0	12·9	11·0	9·7	8·2	7·2	24
6·3	6·5	6·9	7·0	8·3	9·9	11·9	14·6	15·5	15·9	16·0	17·3	22·3	26·1	26·3	29·3	...	*	...	30·5	31·0	31·0	31·0	31·0	25
31·3	31·3	31·5	31·5	30·9	30·9	31·2	31·3	31·5	*	*	31·9	32·4	32·7	32·8	32·3	32·4	32·7	32·5	31·7	32·3	32·8	32·8	32·7	26
32·3	32·2	32·2	32·1	32·0	32·1	32·0	32·0	32·0	31·9	31·8	32·0	32·7	32·0	32·0	31·3	31·0	31·0	31·0	31·0	...	*	*	...	27
...	*	*	...	32·7	32·0	32·0	32·0	32·6	32·6	35·1	35·3	37·2	38·3	38·8	38·9	38·8	38·5	38·9	39·1	38·8	38·0	37·6	37·2	28
36·9	36·8	37·0	36·0	35·7	35·0	35·3	35·4	36·0	36·0	35·3	35·9	35·2	35·7	36·3	37·0	37·3	37·7	38·1	39·8	40·9	41·1	41·0	42·2	29
43·0	43·2	43·9	43·9	44·2	44·6	43·0	42·2	42·3	43·3	44·0	44·6	45·0	46·4	44·4	44·3	44·7	44·9	44·6	44·0	43·8	44·9	45·4	46·0	30
46·8	46·9	46·7	46·3	46·1	46·0	46·2	46·1	46·0	46·1	46·4	46·5	46·8	46·7	46·4	46·1	45·9	45·7	45·9	43·3	42·7	41·0	41·0	39·9	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

ARMAGH OBSERVATORY LAT: 54°21' N. LONG: 6°39' W.

HOURLY VALUES December 1878.

WIND

DIRECTION IN NUMBERS { 8-E 24-W / 16-S 32-N }

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	23	6·5	23	8·5	21	8·5	25	6·5	25	8·5	24	9·5	25	12	25	11	27	10·5	29	9·5	28	13	29	15	31	13	16	31	11	32	8·5	30	9·5	30	8·5	32	7·5	32	4	31	7·5	32	4	32	4	32	3	1
2	32	2	32	3	32	3	32	4	32	4	32	4	32	3	32	4	32	4	32	4	19	4	19	4·5	19	4·5	4	19	4·5	19	3	19	4	19	4	19	3	19	4	22	2	22	2	22	2	22	2	2
3	22	2	22	4	22	2	22	3	22	3	22	3	22	4	22	3	22	4	22	3	22	4	22	2	22	3	3	29	3	30	4	5	3	5	3	5	3	14	2	14	3	14	3	14	3	14	3	3
4	14	3	14	4	14	4	15	3	17	4·5	18	4	18	4	19	4	18	7·5	18	6·5	18	5·5	19	8·5	20	7·5	8·5	19	9·5	20	7·5	19	10·5	19	11	19	9·5	20	9·5	20	10·5	20	7·5	21	4·5	23	4·5	4
5	21	4	22	4·5	25	6·5	25	5·5	23	6·5	22	6·5	23	5·5	25	6·5	22	5·5	22	4·5	24	4·5	24	5·5	22	4·5	5·5	1	10·5	1	7·5	32	7·5	32	8·5	31	4·5	32	8·5	32	5·5	32	4	32	4	22	4	5
6	22	4·5	24	5·5	21	4	25	7·5	25	8·5	23	7·5	23	5·5	22	7·5	21	8·5	20	8·5	20	13	20	12	21	13	13	20	12	19	9·5	23	10·5	25	10·5	25	10·5	23	4·5	25	4·5	26	9·5	27	7·5	30	6·5	6
7	30	9·5	31	9·5	30	9·5	31	8·5	31	4	30	5·5	29	7·5	1	9·5	30	10·5	31	10·5	30	12	1	10·5	30	12	14	31	11	32	7·5	32	4·5	32	4·5	28	5·5	29	9·5	28	9·5	27	10·5	27	7·5	27	6·5	7
8	30	4	30	6·5	31	4·5	27	5·5	29	5·5	32	4·5	30	5·5	31	6·5	30	7·5	30	4	31	3	31	4·5	31	5·5	6·5	32	5·5	32	3	24	4·5	25	4·5	25	4	25	4·5	19	5·5	19	4	21	4·5	22	4·5	8
9	23	5·5	25	4·5	24	5·5	24	5·5	28	5·5	27	7·5	27	7·5	28	4·5	28	4	28	3	29	3	29	3	29	4	4·3	19	4	19	2	19	3	19	4·5	19	5·5	19	4·5	19	4·5	19	6·5	19	4·5	19	5·5	9
10	19	6·5	19	5·5	19	5·5	18	5·5	18	4·5	18	3	18	2	19	2	19	2	25	2	4	4·5	3	4·5	3	2·3	7·5	4	5·5	4	4	4	3	4	3	4	3	4	3	4	3	14	4	15	4	15	4	10
11	15	4	15	4	15	3	15	4	15	3	15	4	16	4	16	4	16	3	16	4	16	4	17	3	17	4	7·3	17	4	17	5·5	17	4·5	17	4·5	17	5·5	17	5·5	17	7·5	18	8·5	18	9·5	18	10·5	11
12	18	11	20	13	19	15	20	13	19	12	20	9·5	20	6·5	20	6·5	20	4·5	20	4	20	3	22	4	22	3	0·45	19	4	19	4	19	5·5	19	4	21	4	25	3	25	2	25	2	25	2	25	2	12
13	29	3	2	3	2	4	2	3	2	4	5	3	5	5·5	6	4	6	4	6	4	6	3	6	3	6	4	6·3	6	2	6	3	6	6·5	6	5·5	7	4·5	2	4·5	2	4	2	2	2	2	2	2	13
14	2	2	2	4	2	3	2	3	2	3	2	2	2	3	2	2	2	3	2	4	2	4	2	4·5	2	4	2·45	32	6·5	20	4·5	20	6·5	21	8·5	19	7·5	20	7·5	20	8·5	20	9·5	20	8·5	21	6·5	14
15	20	10·5	19	10·5	19	9·5	20	6·5	20	8·5	20	7·5	20	5·5	19	7·5	19	5·5	19	6·5	19	5·5	19	4	20	7·5	6·5	20	6·5	20	5·5	20	7·5	20	4·5	20	4	20	4·5	20	4·5	20	4	21	4	21	4·5	15
16	20	5·5	20	4	20	3	20	4	20	3	20	4	20	3	19	3	19	3	19	4	19	3	19	3	19	2	0·2	19	1·5	19	2	19	2	19	3	19	4	19	5·5	19	4·5	19	4	19	5·5	19	5·5	16
17	19	4	19	4·5	19	4	19	4	19	4·5	19	4	19	4	19	4·5	19	4	19	5·5	19	4·5	19	6·5	20	8·5	0·65	20	7·5	20	8·5	20	9·5	19	7·5	21	10·5	20	13	19	17	19	18	19	19	23	12	17
18	20	11	21	9·5	23	12	21	10·5	21	13	22	10·5	24	14	21	16	23	14	21	14	23	18	23	19	23	21	4·8	24	14	22	11	27	11	26	12	25	14	25	15	26	12	25	13	26	11	26	13	18
19	27	12	28	7·5	27	13	26	13	27	12	27	9·5	26	9·5	26	10·5	25	4·5	27	8·5	25	12	25	9·5	24	10·5	5·9	25	6·5	23	5·5	22	6·5	19	4·5	20	6·5	19	8·5	19	5·5	19	6·5	19	5·5	19	2	19
20	19	3	19	2	19	3	19	3	19	3	19	3	19	2	19	2	21	3	19	6·5	18	7·5	18	5·5	18	6·5	5·5	18	5·5	20	4·5	18	7·5	18	4·5	18	5·5	18	5·5	18	5·5	18	6·5	18	5·5	18	6·5	20
21	18	7·5	18	6·5	18	5·5	18	4·5	18	4·5	18	4	19	4	19	4·5	19	4·5	19	5·5	19	5·5	22	4·5	20	8·5	1·6	19	10·5	20	10·5	20	12	20	12	20	13	21	13	22	13	24	12	27	7·5	32	4	21
22	21	4·5	25	5·5	25	5·5	23	4·5	24	4	20	6·5	20	4·5	21	3	22	5·5	21	5·5	21	5·5	20	5·5	22	6·5	4·5	22	8·5	20	6·5	20	6·5	20	4	20	4·5	25	6·5	25	9·5	25	7·5	20	6·5	23	7·5	22
23	21	8·5	22	8·5	24	8·5	21	5·5	22	6·5	25	6·5	25	6·5	24	6·5	27	6·5	24	5·5	27	4·5	24	4·5	25	6·5	6·6	26	4·5	27	5·5	28	3	21	3	18	4·5	18	5·5	18	5·5	18	5·5	18	5·5	18	4·5	23
24	18	4·5	18	4·5	18	4·5	18	4·5	18	4	18	4	18	4	18	4	18	1·5	17	2	17	2	17	3	17	3	1·2	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	18	1·5	24
25	18	1·5	18	1·5	18	2	18	1·5	18	1·5	18	1·5	18	2	8	3	7	2	7	4	7	1·5	7	2	7	3	7·4	7	3	5	5·5	5	8·5	8	11	9	8·5	9	14	6	10·5	6	13	6	13	6	13	25
26	6	14	6	11	5	12	4	9·5	4	10·5	4	9·5	4	10·5	4	10·5	4	8·5	4	8·5	4	11	4	8·5	3	8·5	7·5	5	4·5	4	4·5	32	6·5	32	7·5	32	6·5	2	6·5	2	8·5	3	8·5	3	7·5	3	5·5	26
27	3	6·5	3	5·5	3	4	3	4	3	4·5	3	3	3	1·5	3	2	3	1·5	3	2	3	3	5	3	5	3	5·3	5	3	5	2	5	4	5	4·5	5	3	5	3	5	2	5	3	5	4	5	3	1·5	27
28	5	2	5	1·5	5	3	5	4	5	2	5	4	18	2	11	3	11	4	11	4	10	5·5	13	6·5	14	17	4·22	15	24	15	25	14	24	15	19	14	19	15	18	15	17	16	10·5	16	8·5	17	9·5	28
29	16	10·5	17	10·5	18	9·5	19	9·5	19	13	19	10·5	19	10·5	18	11	18	10·5	18	7·5	18	4·5	18	7·5	18	5·5	7·5	17	8·5	16	9·5	14	9·5	14	6·5	13	16	12	17	12	17	12	20	12	20	12	21	29
30	15	27	17	22	19	18	20	12	20	13	19	23	20	20	18	16	19	13	18	18	18	25	17	21	×	×	9·29	19	26	19	22	18	18	20	14	19	21	18	23	17	21	17	23	17	21	17	24	30
31	17	27	18	31	18	28	18	31	18	31	19	27	19	29	19	27	19	30	19	28	19	34	19	34	19	33	0·33	20	30	20	30	20	28	20	24	21	26	25	17	26	18	25	16	24	17	26	16	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	.	.	.	.	.	·010	.	.	·010	.	.	.	.	·010	.	.	.	.	·010	.	·010	.	.	.	1
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
4	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	·020	·005	.	.	·005	.	.	.	4
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
7	.	.	.	.	.	.	.	·010	.	·010	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
8	.	.	.	Melted Snow at 10 a.m. =						·119	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
9	.	.	.	Melted Snow and Ice at 10 a.m. =						·117	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
12	.	.	.	Melted Snow at 10 a.m. =						·038	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
17	.	.	.	Melted Snow and Ice at 10 a.m. =						·029	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17
18	.	.	.	.	.	D°	.	.	.	=	·108	.	.	·010	·010	·010	.	.	·010	.	.	·010	·020	.	.	18
19	.	.	.	.	.	.	.	.	.	.	.	.	.	·010	.	.	.	.	·010	.	.	.	.	.	.	19
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	22
23	.	.	.	Melted Snow at 10 a.m. =						·043	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23
24	.	.	.	.	.	.	D°	.	.	.	·079	.	.	.	.	.	.	.	.	.	.	.	.	.	24
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25
26	.	.	.	Melted Snow at 10 a.m. =						·159	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
28	.	.	.	Melted Ice at 10 a.m. =						·217	·020	·010	.	.	.	.	.	·020	·020	·020	·020	·030	·040	·070	28
29	·040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	·090	·120	29
30	·040	·020	·010	.	.	.	.	.	.	.	.	.	.	.	.	·010	·010	.	·030	.	.	.	.	.	30
31	.	·010	.	.	.	·040	.	·010	·010	.	.	.	.	·040	.	.	.	.	.	.	.	.	.	·010	31

*Record defective or Instrument out of action. †Obtained from reading of Standard

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	·226	·216	·214	·213	·218	·230	·230	·239	·235	·227	·237	·236	·238	·241	·221	·216	·229	·240	·248	·249	·252	·240	·235	1
2	·208	·194	·194	·180	·176	·171	·167	·164	·181	·182	·197	·212	·220	·218	·214	·209	·212	·210	·207	·206	·198	·198	·189	2
3	·182	·175	·173	·177	·177	·169	·162	·166	·177	·185	·188	·202	·207	·208	·203	·197	·179	·178	·163	·153	·151	*	·141	3
4	·140	·142	·122	·136	·132	·115	·112	·138	·158	*	*	·193	·193	·193	·194	·194	·198	·200	·200	·198	·201	·207	·213	4
5	·202	·207	·200	·209	·209	·200	·206	·207	·209	·228	·239	·253	·244	·232	·211	·193	·166	·164	·151	·151	·146	·139	·146	5
6	·156	·164	·154	·157	·162	·160	·165	·162	·167	·177	·191	·204	·207	·217	·221	·227	·222	·220	·221	·221	·211	·218	·224	6
7	·190	·180	·184	·192	·188	·192	·196	·192	·189	·190	·180	·187	·183	·188	·182	·171	·170	·164	·167	·173	·176	·171	·169	7
8	·171	·178	·182	·183	·180	·170	*	*	·163	·138	·136	·141	·136	·137	·127	·124	·115	·112	·108	·103	·119	·103	·099	8
9	·139	·149	·155	·160	·164	·173	·168	·168	·158	·157	·160	·152	·148	·151	·142	·119	·100	·107	·097	·109	·104	·098	·086	9
10	·099	·086	·091	·100	·110	·115	·113	·107	·127	·130	·151	·158	·155	·141	*	·133	·131	·113	·108	·097	·096	·095	·076	10
11	·076	·079	·079	·081	·076	·076	·102	·104	·094	·111	·111	·110	·117	·117	·117	·107	·109	·109	·106	·115	·114	·127	·134	11
12	·134	·143	·154	·157	·159	·161	·154	·149	·158	*	*	·164	·167	*	*	·152	·151	·151	·146	·145	·138	·144	·142	12
13	·153	·139	·149	·148	·138	·151	·150	·146	·154	·166	·174	·167	·146	·121	·111	·124	·094	·121	·089	·078	·087	·081	·071	13
14	·064	·074	·078	·082	·082	·090	·104	·087	·091	·088	·084	·102	·106	·107	·103	·108	·097	·098	·115	·117	·114	·125	·138	14
15	·136	·131	·143	·139	·145	·147	·146	·156	·150	·165	·168	·162	·168	·170	·179	·170	·158	·155	·162	·147	·149	·149	·152	15
16	·134	·134	·125	·134	·106	·101	·098	·079	·098	·089	·098	·090	·090	·085	·073	·073	·081	·079	·082	·076	·082	·085	·081	16
17	·103	·114	·104	·103	·105	·111	·100	·103	·103	·117	·134	·132	·133	·133	·141	·145	·156	·166	·166	·166	·164	·163	·168	17
18	...	*	...	...	·142	·154	·138	·146	·139	·147	*	*	·177	·179	·177	·178	·176	·175	·173	·177	·179	·177	·174	18
19	·182	·174	·162	·174	·175	·156	·158	*	·175	·164	·167	·168	·167	·167	·160	·163	!	*	·148	·136	·141	·130	·128	19
20	·118	·110	·121	·131	·130	·131	·146	·139	·142	·133	·120	·120	·115	·122	·121	·122	·130	·141	·137	·140	·133	·128	·116	20
21	·126	·111	·104	·105	·103	·100	·107	·114	·128	·139	·157	·158	·160	·168	·156	·167	·164	·164	·165	*	*	·169	·173	21
22	·174	*	*	·149	·137	·135	·133	·134	·137	·146	·142	·148	·135	·135	·148	·125	·127	·117	·120	·124	·130	·113	·121	22
23	·113	·115	·119	·124	·128	·122	·106	·111	·134	·134	·148	·147	·128	·132	·132	·134	·128	·122	·095	·103	·098	·105	·111	23
24	·096	·083	·083	·088	·078	·084	·084	·075	·086	·077	·070	·088	·095	·079	·095	·077	·073	·075	·071	·056	·057	·048	·048	24
25	·052	·046	·047	·054	·058	·056	·064	·067	·061	·071	·077	·102	·120	·124	·148	··	*	···	·141	·156	·159	·157	·157	25
26	·165	·170	·172	·171	·168	·164	·165	·170	*	*	·173	·175	·182	·182	·172	·172	·174	·170	·168	·169	·173	·174	·174	26
27	·164	·167	·166	·165	·166	·167	·169	·169	·170	·163	·162	·170	·165	·169	·163	·157	·159	·160	·164	···	*	*	···	27
28	*	*	...	·174	·175	·175	·176	·180	·180	·194	·197	·206	·219	·223	·221	·221	·220	·226	·229	·233	·222	·220	·213	28
29	·212	·215	·211	·207	·201	·203	·205	·211	·210	·201	·205	·197	·202	·205	·208	·213	·212	·221	·243	·247	·246	·245	·260	29
30	·270	·282	·283	·283	·288	·265	·257	·261	·264	·268	·270	·276	·292	·264	·273	·285	·286	·280	·274	·270	·285	·285	·286	30
31	·296	·299	·292	·297	·294	·299	·301	·289	·291	·289	·287	·300	·305	·298	·287	·291	·291	·297	·265	·257	·239	·240	·232	31

Meteorological Office,
116 Victoria Street, Westminster S.W.
ROBERT H SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53′ N LONG 4°18′ W

HOURLY VALUES December 1878.

BAROMETER.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·563	29·559	29·545	29·525	29·509	29·495	29·486	29·491	29·505	29·527	29·531	29·555	29·565	29·683	29·609	29·639	29·658	29·687	29·717	29·738	29·761	29·781	29·799	29·817	1
2	29·829	29·845	29·857	29·871	29·879	29·897	29·909	29·917	29·936	29·942	29·951	29·958	29·949	29·951	29·953	29·961	29·971	29·979	29·987	29·999	29·995	30·013	30·013	30·012	2
3	30·013	30·014	30·013	30·013	30·015	30·022	30·047	30·059	30·077	30·095	30·097	30·097	30·099	30·101	30·109	30·116	30·127	30·135	30·145	30·153	30·155	30·155	30·156	30·163	3
4	30·164	30·163	30·150	30·141	30·135	30·130	30·133	30·133	30·127	30·117	30·112	30·093	30·069	30·060	30·045	·036	·025	·013	·015	·004	29·997	29·975	29·979	29·967	4
5	29·957	29·943	29·943	29·936	29·935	29·927	29·926	29·922	29·927	29·929	29·933	29·943	29·949	29·963	29·983	30·017	30·033	30·038	30·039	30·047	30·045	30·053	30·047	30·031	5
6	30·026	30·005	·987	·957	·939	·914	·891	·874	·853	·819	·785	·747	·710	·672	·648	29·629	29·616	29·602	29·602	29·612	29·610	29·612	29·620	29·618	6
7	29·608	29·604	·606	·598	·590	·598	·596	·607	·617	·616	·617	·605	·605	·601	·599	·589	·577	·583	·576	·562	·540	·523	·511	·485	7
8	·461	·439	·426	·413	·413	·399	·397	·399	·403	·421	·439	·434	·443	·443	·457	·469	·465	·479	·479	·474	·472	·467	·463	·459	8
9	·454	·457	·444	·447	·441	·449	·452	·470	·477	·494	·499	·497	·496	·504	·514	·525	·537	·549	·559	·579	·584	·582	·582	·587	9
10	·590	·596	·594	·616	·628	·652	·668	·697	·708	·726	·729	·731	·736	·747	·749	·759	·759	·769	·779	·788	·789	·799	·798	·799	10
11	·799	·799	·799	·809	·809	·817	·817	·825	·827	·829	·820	·808	·790	·768	·751	·738	·713	·695	·678	·652	·622	·602	·576	·553	11
12	·534	·509	·493	·475	·458	·443	·433	·430	·430	·432	·422	·409	·385	·371	·360	·351	·352	·350	·351	·359	·347	·367	·365	·362	12
13	·361	·362	·373	·373	·373	·377	·391	·405	·411	·429	·432	·434	·432	·432	·440	·446	·448	·464	·466	·473	·476	·492	·489	·498	13
14	·488	·492	·489	·490	·483	·480	·478	·481	·484	·484	·498	·475	·478	·461	·463	·461	·451	·451	·453	·451	·455	·451	·451	·443	14
15	·431	·414	·407	·388	·365	·346	·333	·321	·333	·331	·339	·328	·324	·321	·311	·306	·301	·293	·295	·284	·271	·260	·259	·263	15
16	·257	·253	·257	·241	·250	·233	·249	·251	·275	·281	·301	·276	·263	·264	·271	·276	·282	·289	·308	·316	·332	29·340	29·335	29·318	16
17	29·314	29·314	29·315	29·305	29·296	29·293	29·286	29·288	29·278	29·278	29·251	29·236	29·221	29·209	29·193	29·175	29·163	29·137	29·107	29·075	29·031	28·963	28·923	28·915	17
18	28·893	28·877	28·861	28·835	28·807	28·763	28·708	28·693	28·689	28·673	28·666	28·677	28·698	28·726	28·763	28·782	28·796	28·804	28·809	28·815	28·824	28·838	28·842	28·853	18
19	28·860	28·868	28·858	28·879	28·888	28·893	28·910	28·939	28·962	28·976	29·006	29·027	29·040	29·068	29·083	29·108	29·124	29·153	29·170	29·198	29·215	29·237	29·244	29·254	19
20	29·257	29·260	29·260	29·262	29·262	29·263	29·266	29·270	29·301	29·314	·318	·312	·318	·337	·350	·366	·382	·396	·418	·442	·462	·485	·492	·511	20
21	·520	·539	·552	·557	·556	·553	·560	·558	·553	·553	·542	·526	·506	·492	·479	·454	·430	·407	·406	·424	·422	·428	·424	·418	21
22	·422	·432	·440	·436	·436	·434	·443	·438	·435	·439	·446	·452	·452	·458	·474	·488	·494	·504	·506	·507	·514	·518	·515	·520	22
23	·528	29·539	29·532	29·530	29·526	29·534	29·560	29·586	29·610	29·629	29·647	29·668	29·678	29·718	29·749	29·790	29·816	29·848	29·868	29·886	·914	·935	·956	·976	23
24	·992	30·012	30·024	30·028	30·028	30·040	30·059	30·083	30·093	30·094	30·074	30·082	30·073	30·078	30·070	30·059	30·040	30·023	30·012	30·010	·998	·988	·980	·974	24
25	·953	29·930	29·902	29·895	29·874	29·868	29·868	29·860	29·840	29·818	29·792	29·770	29·743	29·723	29·693	29·667	29·638	29·633	29·614	29·603	·593	·573	·540	·516	25
26	·490	·474	·460	·426	·388	·376	·364	·364	·362	·336	·340	·318	·316	·300	·296	·296	·296	·298	·300	·316	·308	·300	·300	·292	26
27	·290	·288	·290	·283	·288	·287	·276	·285	·295	·294	·289	·268	·252	·247	·250	·252	·246	·226	·224	·223	·222	·212	·203	·204	27
28	·197	·196	·204	29·210	29·206	29·205	29·214	29·243	·250	·258	·264	·254	·253	·234	·224	·196	·174	·166	·162	·148	·134	·117	·094	29·072	28
29	29·046	29·022	29·003	28·974	28·965	28·962	28·965	28·997	29·004	29·026	29·049	29·065	29·079	29·089	29·102	29·118	29·109	29·124	29·122	29·118	29·090	29·062	29·027	28·989	29
30	28·932	28·870	28·816	·782	·756	·754	·765	·786	28·812	28·840	28·861	28·849	28·856	28·842	28·826	28·817	28·830	28·851	28·858	28·857	28·859	28·851	28·835	·810	30
31	28·775	28·748	28·717	28·707	28·697	28·690	28·688	28·699	28·709	28·737	28·732	28·714	28·700	28·668	28·630	28·610	28·608	28·634	28·660	28·687	28·765	28·868	28·940	28·996	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	37·2	37·6	36·8	35·9	37·2	37·8	38·1	38·0	38·9	39·9	40·3	41·3	41·3	41·4	42·0	41·0	40·4	39·3	40·9	40·9	41·0	41·0	41·0	40·0	1
2	39·8	39·8	39·9	38·8	37·8	36·2	35·7	35·1	33·9	35·4	36·5	37·8	38·8	38·0	37·8	36·0	35·7	34·6	34·6	34·6	35·0	34·9	34·9	35·6	2
3	35·0	36·9	35·7	37·8	35·3	36·7	33·8	34·2	35·6	37·9	37·9	39·3	38·8	38·3	38·4	36·0	35·5	34·9	33·2	31·9	32·0	31·9	31·4	31·8	3
4	31·5	30·5	29·9	29·2	29·0	28·8	27·8	28·6	29·8	31·4	32·2	32·9	33·3	34·9	35·7	36·2	37·2	37·7	37·9	38·7	39·0	39·4	39·0	39·0	4
5	39·5	40·2	40·0	40·3	39·2	38·8	35·9	35·1	35·8	37·9	39·0	39·9	39·8	38·3	37·0	36·5	34·9	34·3	32·7	32·8	32·9	33·6	32·8	32·8	5
6	31·7	30·6	32·1	32·3	31·9	33·0	33·5	34·1	34·0	34·5	35·0	35·3	35·6	36·0	36·8	36·3	35·9	36·9	36·7	37·3	37·0	36·9	37·2	36·4	6
7	36·9	35·9	37·8	36·9	37·0	35·9	34·8	36·1	36·9	35·5	36·8	37·8	37·2	37·1	36·7	36·5	35·0	34·3	34·1	33·9	32·8	32·0	33·4	32·9	7
8	32·5	32·7	33·0	31·1	30·5	31·8	30·7	30·0	30·9	32·0	32·8	35·2	35·8	36·2	36·1	34·5	32·6	32·9	32·0	31·3	30·5	30·2	30·7	28·9	8
9	29·4	28·9	30·0	31·7	33·7	32·7	33·0	34·0	30·6	31·0	33·3	33·9	35·1	35·9	35·1	35·0	34·0	34·3	33·4	33·0	31·9	33·3	32·9	32·9	9
10	34·5	33·5	33·3	32·3	31·8	30·9	30·6	31·0	30·3	30·8	31·5	33·0	33·5	32·4	32·0	30·0	31·0	30·4	28·9	28·7	30·0	29·3	30·9	31·6	10
11	31·1	31·9	29·8	29·0	28·0	27·9	27·3	27·9	27·8	27·0	26·3	26·5	27·6	28·0	27·0	27·3	25·8	25·7	25·3	25·3	26·9	26·5	29·3	30·7	11
12	30·9	31·5	31·9	31·9	32·3	31·3	31·1	29·9	28·0	26·3	25·0	24·0	23·3	21·9	23·0	24·3	26·1	29·0	29·7	29·9	29·3	29·2	28·7	28·3	12
13	30·0	30·0	29·2	27·2	25·5	25·9	24·9	27·0	27·2	27·6	27·5	28·0	28·0	27·4	28·3	26·9	26·0	23·2	21·2	21·6	22·3	21·9	21·9	21·3	13
14	...	...	...	...	*	...	...	...	...	†21·0	22·2	23·9	23·5	25·0	25·8	26·0	26·0	25·0	24·3	23·4	*	†20·0	*	*	14
15	...	...	...	*	*	...	...	...	28·4	28·4	28·7	30·9	30·5	29·7	29·3	28·7	28·0	27·2	26·4	25·6	25·5	24·9	24·0	23·8	15
16	23·5	*	23·1	...	...	*	*	...	...	†17·1	†18·2	*	†23·7	24·5	24·1	24·0	22·5	*	†20·7	*	†20·8	*	*		16
17	...	...	...	...	...	...	...	...	...	†17·5	*	†22·5	28·8	31·7	30·2	31·5	30·5	29·0	28·6	28·9	31·7	33·8	37·9	32·8	17
18	33·2	33·3	32·3	31·7	31·9	32·5	33·3	33·6	34·0	33·8	33·4	32·1	32·0	32·3	32·0	32·3	31·8	29·3	29·4	29·2	30·8	28·8	32·9	35·8	18
19	35·3	36·5	35·8	34·0	36·0	36·4	34·3	34·4	37·1	37·4	36·6	36·6	36·2	36·0	35·2	34·0	34·0	32·3	32·7	31·6	30·7	28·0	26·5	24·3	19
20	...	...	...	...	*	...	...	...	...	†12·1	†13·7	†14·9	†17·7	17·6	21·0	23·0	24·8	24·4	25·4	24·8	26·0	28·3	32·1	31·8	20
21	32·6	30·0	30·1	28·6	28·2	25·3	24·5	26·0	28·2	30·0	32·1	32·6	33·4	33·4	33·1	32·1	32·0	33·4	32·6	32·5	29·9	29·2	31·4	28·6	21
22	29·8	29·5	31·5	30·0	30·1	29·6	28·0	27·2	28·8	31·7	32·9	32·7	33·9	33·3	32·0	30·9	30·0	27·9	28·0	25·7	25·0	24·9	25·9	27·9	22
23	25·5	25·9	24·7	23·9	21·9	21·1	21·9	22·0	22·0	23·0	27·0	30·6	32·2	32·3	34·3	34·4	32·9	31·1	29·7	28·3	26·9	24·2	23·4	24·3	23
24	22·3	20·7	20·1	19·7	18·3	17·2	16·9	14·5	14·8	17·9	*	16·5	17·6	21·8	26·7	24·7	24·2	25·0	23·8	25·8	28·9	28·1	27·9	27·8	24
25	27·2	26·8	26·2	26·3	27·2	26·7	28·3	25·5	26·0	25·7	24·3	25·3	25·2	25·9	26·2	26·8	25·9	24·2	23·2	22·0	23·5	25·2	25·0	26·1	25
26	26·3	27·0	27·2	27·0	28·9	29·2	30·0	31·0	31·8	32·2	33·2	33·6	34·7	34·7	34·8	34·5	34·6	34·6	34·4	33·8	33·9	33·8	32·5	32·3	26
27	31·5	31·9	30·8	31·9	30·0	30·7	31·1	32·9	31·0	31·7	32·9	33·5	34·6	34·9	34·8	34·3	34·2	33·6	33·5	32·9	32·6	33·0	32·3	32·3	27
28	32·3	32·1	32·4	31·7	31·0	31·0	30·3	30·3	30·7	29·3	27·6	29·3	30·0	31·7	32·3	32·7	33·2	34·8	34·9	35·4	35·6	36·0	35·6	36·8	28
29	37·3	35·3	32·9	32·8	32·9	32·2	32·2	32·2	32·8	33·4	36·0	36·9	37·8	37·9	37·5	37·2	37·9	38·5	39·0	38·9	38·3	38·8	38·5	38·0	29
30	36·5	36·0	35·8	35·7	36·0	36·0	39·2	41·0	42·0	42·3	42·8	43·3	42·9	43·5	43·9	43·4	44·8	44·5	44·0	43·7	43·4	45·0	44·5	44·5	30
31	45·2	45·9	46·9	46·9	47·8	47·4	46·9	46·2	46·7	46·7	46·9	46·8	46·8	47·0	47·1	46·8	46·0	45·9	46·8	44·3	43·1	41·6	41·1	40·2	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
36·6	36·4	35·9	35·0	36·1	36·8	37·0	36·7	36·8	37·0	36·9	37·5	38·1	38·3	38·3	37·8	37·1	36·8	37·5	37·8	38·2	38·8	38·8	38·1	1
38·2	38·0	38·1	37·5	36·5	35·5	35·0	34·0	33·0	34·3	34·9	35·0	35·3	34·8	34·8	33·8	33·9	33·0	33·1	33·2	33·1	33·7	33·6	33·3	2
33·6	34·1	33·8	34·9	33·9	34·5	35·7	32·9	34·2	35·8	36·3	37·7	37·0	36·9	37·1	36·8	34·7	33·9	32·9	32·8	31·8	31·9	31·9	31·5	3
31·3	30·3	*	29·1	28·9	28·7	27·8	28·5	29·8	31·4	...	*	...	33·9	34·5	35·2	36·3	36·4	36·9	37·9	38·9	38·9	39·0	39·0	4
39·1	39·0	38·5	38·2	37·3	35·0	34·3	34·0	34·8	36·1	36·9	37·0	36·1	34·0	33·1	32·1	31·0	30·2	30·0	29·3	29·0	29·2	29·0	29·7	5
29·0	29·0	30·2	30·9	30·9	31·3	31·8	...	*	*	...	†32·2	34·9	35·5	36·2	35·9	35·3	36·0	35·8	35·9	35·1	34·8	34·1	33·8	6
33·5	33·1	33·6	33·3	32·7	32·1	31·1	31·9	31·9	31·9	32·9	32·8	33·0	33·1	32·2	32·0	*	30·4	*	30·8	*	29·0	29·2	29·0	7
28·9	28·9	28·9	28·2	27·9	28·2	27·5	27·0	27·5	28·3	31·9	31·9	31·9	31·8	31·9	31·1	29·8	29·1	28·8	28·3	28·0	27·8	27·5	26·7	8
27·1	26·9	27·7	28·9	30·4	30·0	30·0	30·7	28·7	29·0	29·9	30·5	*	31·8	31·7	31·1	30·9	30·8	30·1	29·6	29·2	29·0	29·2	30·5	9
31·9	31·1	31·2	30·8	30·2	29·8	29·9	30·2	29·7	*	*	30·1	*	30·4	30·6	29·0	29·8	29·0	28·0	27·8	28·9	*	29·7	30·5	10
30·3	31·2	29·3	28·9	28·0	27·7	27·3	27·9	27·8	27·0	26·3	26·5	27·5	27·9	26·9	27·2	25·7	25·2	25·0	26·8	25·9	29·0	30·2		11
30·4	31·0	31·8	31·8	32·0	31·0	31·0	29·9	27·9	26·3	25·0	23·5	23·1	21·9	22·8	24·0	25·6	28·2	28·8	28·9	28·8	28·4	27·9	27·7	12
28·9	28·9	28·3	26·4	25·0	25·5	24·7	26·5	26·8	27·0	27·3	27·5	27·4	27·0	27·8	26·5	25·7	22·9	21·2	21·5	22·0	21·8	21·8	21·4	13
26·6	...	...	...	*	*	...	...	...	†21·0	21·9	23·7	23·3	24·7	25·6	25·9	25·9	†25·1	24·3	†21·6	*	†20·0	*	*	14
...	...	...	...	*	...	...	...	...	28·4	28·2	28·3	29·6	29·5	28·9	27·6	27·4	25·8	25·9	25·5	...	...	...	...	15
...	...	...	...	*	...	...	...	...	†16·1	*	†18·2	*	†22·9	...	*	...	†22·0	*	†20·6	*	†20·7	*	*	16
...	...	...	...	*	...	...	...	...	†17·5	*	†21·8	27·6	30·1	29·5	30·5	29·8	28·5	28·1	28·4	30·8	...	*	...	17
...	*	...	30·6	30·3	31·3	32·0	32·6	33·0	33·0	32·9	31·9	30·8	30·4	30·0	29·6	28·3	26·9	27·0	26·2	28·0	26·9	31·2	*	18
*	32·8	32·5	32·0	32·8	33·0	32·1	32·2	33·3	34·0	33·4	33·4	33·3	33·3	33·0	32·4	32·0	30·2	29·8	28·8	*	27·0	26·0	23·4	19
...	...	...	*	...	...	...	...	...	†21·1	†23·7	†24·8	†27·7	†27·6	19·8	22·3	23·8	23·3	24·0	24·0	25·0	26·8	29·2	29·0	20
29·5	28·1	28·1	27·0	26·1	24·1	23·8	24·9	26·8	28·1	30·0	30·5	31·0	31·2	31·0	30·3	30·4	31·5	*	*	29·0	27·1	27·0	26·1	21
27·9	28·0	29·4	28·6	28·7	28·0	26·9	26·0	27·0	30·5	*	30·3	31·2	30·2	29·8	29·0	28·9	26·9	26·1	24·2	23·9	23·7	24·3	26·0	22
24·0	23·9	22·9	21·9	20·9	20·7	20·8	21·0	21·5	22·0	24·9	27·6	29·3	29·5	30·9	31·0	30·2	28·7	27·5	26·5	25·3	23·6	22·2	23·0	23
21·7	20·0	19·9	19·2	17·3	16·8	16·7	14·5	14·8	†17·9	*	16·5	16·9	20·9	25·0	23·0	23·0	23·8	23·1	24·9	27·7	27·1	26·8	26·0	24
26·8	25·2	25·0	25·5	26·4	25·9	27·2	24·9	24·9	25·0	23·7	24·2	24·3	24·8	24·9	24·4	23·8	22·6	21·5	20·7	21·9	23·3	23·9	25·1	25
25·3	26·1	25·9	26·0	27·1	28·9	29·8	30·7	31·2	31·9	32·2	32·5	33·0	33·2	33·1	32·9	32·9	33·1	...	...	...	...	...	...	26
30·3	30·2	29·5	30·3	29·2	29·8	30·1	...	...	...	...	*	*	*	...	...	...	...	31·2	31·2	31·7	30·9	31·0		27
31·3	31·3	31·7	31·1	30·8	30·7	30·0	29·9	30·2	29·0	27·6	29·0	29·1	30·5	31·7	31·8	*	33·7	34·1	34·7	34·7	35·1	34·8	35·7	28
36·0	34·6	32·4	32·5	32·6	32·0	32·0	32·0	32·3	32·9	35·6	36·1	36·9	37·0	36·5	36·1	36·9	37·1	37·8	37·2	37·2	37·3	37·2	36·5	29
35·5	35·1	35·1	34·9	35·5	35·6	38·6	40·5	41·4	41·6	41·5	41·9	41·9	42·1	42·3	42·4	43·6	42·9	42·3	42·4	42·1	43·5	43·0	43·3	30
44·2	44·9	45·5	45·8	45·8	45·5	45·2	45·0	45·1	45·3	45·7	45·2	45·3	45·3	45·2	45·2	45·1	45·1	44·9	42·5	41·2	39·4	38·7	37·8	31

* Record defective or Instrument out of action. † Reading of Standard. * Approximate.

Meteorological Office,
116, Victoria Street, Westminster S.W.
ROBERT H. SCOTT, Secretary.

GLASGOW OBSERVATORY LAT. 55°53'N. LONG: 4°18' W.

HOURLY VALUES December 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR.

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V
1	26	6·5	25	6·5	25	4	25	6·5	22	6·5	23	9·5	26	8·5	32	4·5	31	5·5	30	6·5	30	9·5	32	7·5	4	4
2	3	3	3	4·5	3	4·5	7	5·5	9	4	9	4·5	9	4·5	3	4·5	3	4	3	4·5	2	4	2	4	2	4·5
3	27	2	30	4	30	4	30	4	30	3	30	3	30	4	30	4	30	3	6	5·5	6	3	3	8·5	6	7·5
4	8	4	8	4	8	3	8	3	8	3	8	3	16	4	16	4	16	2	16	3	16	3	16	3	22	4·5
5	26	7·5	27	6·5	27	6·5	25	8·5	27	5·5	27	4	24	4·5	24	5·5	24	4·5	23	6·5	24	5·5	32	12	32	13
6	22	6·5	23	4·5	23	5·5	21	4	17	4·5	22	4	25	7·5	25	6·5	24	6·5	24	8·5	24	5·5	24	6·5	23	4
7	24	7·5	28	5·5	29	10·5	30	8·5	29	7·5	29	6·5	28	8·5	30	12	30	12	30	12	30	11	32	14	30	8·5
8	31	5·5	29	10·5	29	10·5	20	4·5	27	5·5	29	7·5	24	6·5	28	6·5	30	5·5	28	8·5	26	4	32	12	30	8·5
9	24	6·5	24	4	22	6·5	25	4·5	25	4·5	29	5·5	20	4·5	31	7·5	27	4·5	17	4	30	4·5	31	4	31	4
10	32	8·5	32	9·5	32	11	3	10·5	4	10·5	5	11	3	9·5	4	8·5	4	4·5	6	6·5	6	9·5	6	6·5	6	3
11	7	5·5	8	4·5	1	4·5	1	4	26	4	26	4	26	4	22	4	22	2	22	2	22	2	22	4	22	4
12	31	2	31	3	31	4	2	4	2	2	2	3	2	3	2	4	2	4	3	5·5	3	3	3	5·5	3	5·5
13	8	7·5	7	6·5	7	4	12	4	12	4	12	3	12	4	12	3	4	4	4	3	4	4·5	4	5·5	4	4·5
14	4	2	4	3	4	3	4	2	4	1·5	4	2	4	3	4	2	4	2	4	3	4	2	4	3	4	2
15	4	1·5	4	2	4	2	4	2	4	3	4	4	4	4	24	4·5	23	7·5	29	4·5	20	10·5	22	14	20	7·5
16	22	6·5	22	4	22	4	22	5·5	22	4	22	4	14	4·5	4	4·5	6	4·5	7	3	5	3	5	4	27	5·5
17	17	4	17	4	17	4	17	3	17	3	17	4	17	3	9	4	9	3	9	4	9	4·5	4	4	23	6·5
18	22	10·5	22	8·5	19	8·5	18	11	18	14	18	12	17	17	19	12	19	5·5	19	4·5	8	11	4	16	3	13
19	29	17	30	17	30	23	27	14	29	17	29	12	11	5·5	23	9·5	32	5	32	10·5	1	8·5	3	7·5	3	7·5
20	12	3	12	3	12	4·5	5	5·5	5	6·5	5	5·5	5	3	5	5·5	5	2	5	2	5	2	5	3	5	3
21	28	10·5	29	4	29	4·5	22	5·5	23	5·5	23	5·5	23	4·5	23	5·5	21	6·5	21	6·5	22	10·5	22	9·5	20	10·5
22	26	8·5	19	10·5	25	10·5	23	10·5	24	9·5	22	6·5	25	8·5	22	9·5	25	13	24	13	26	13	27	9·5	27	6·5
23	23	6·5	26	4·5	26	7·5	27	5·5	25	5·5	25	4	25	4·5	19	4·5	19	5·5	16	4·5	17	4·5	25	6·5	31	4·5
24	30	4·5	30	3	30	4	30	4·5	30	4	30	3	30	4	30	4	30	4·5	30	3	30	2	30	4	31	2
25	19	8·5	19	7·5	19	10·5	19	4·5	17	7·5	16	6·5	18	6·5	18	4·5	12	4·5	5	5·5	3	6·5	3	3	3	4·5
26	6	1·7	6	1·6	5	1·4	5	1·5	5	1·4	6	1·7	5	1·7	5	1·8	5	1·5	4	1·6	4	1·9	4	1·7	5	1·5
27	3	4·5	3	4	3	4·5	3	3	3	4·5	3	3	3	3	3	4	3	3	3	4·5	3	3	3	4	3	4·5
28	7	9·5	6	8·5	7	7·5	7	4·5	7	6·5	7	7·5	6	6·5	6	4	6	6·5	6	7·5	7	6·5	7	5·5	8	7·5
29	8	1·1	9	8·5	7	7·5	6	7·5	6	3	6	4	6	4	6	4	6	4	6	4	20	11	17	13	19	13
30	7	1·4	7	1·5	7	11	6	1·4	6	8·5	5	5·5	21	8·5	20	18	20	21	20	21	17	19	19	20	17	15
31	16	20	16	19	16	27	18	25	18	25	18	24	18	27	19	24	19	30	20	29	20	25	19	26	18	27

DAYS	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	5·5	32	9·5	32	8·5	32	6·5	29	7·5	32	10·5	3	8·5	1	4	31	3	4	7·5	3	5·5
2	4	30	5·5	27	4·5	27	4	27	4	27	4·5	27	3	27	3	27	5·5	27	3	27	4
3	4·5	7	6·5	7	4·5	7	4·5	7	3	18	4	18	4	11	4·5	8	3	8	2	8	3
4	4·5	22	4·5	22	4·5	22	4·5	22	5·5	22	5·5	22	4·5	22	4·5	22	4·5	22	5·5	22	6·5
5	4·5	22	4·5	29	4	32	11	31	8·5	27	7·5	28	10·5	29	13	28	13	26	11	25	8·5
6	4·5	23	7·5	25	7·5	26	10·5	27	9·5	28	10·5	6	6·5	1	7·5	24	5·5	15	5·5	9	4·5
7	12	32	11	32	11	30	11	29	10·5	29	5·5	29	4	29	5·5	29	6·5	27	9·5	28	4·5
8	11	31	8·5	30	5·5	26	7·5	28	10·5	27	7·5	27	10·5	24	8·5	28	10·5	28	8·5	20	5·5
9	5·5	31	4·5	31	6·5	30	8·5	30	6·5	29	7·5	30	5·5	30	5·5	32	8·5	32	6·5	32	6·5
10	3	6	2	6	3	6	2	6	3	6	4	6	4	6	3	6	4	6	3	6	3
11	3	22	4	22	3	22	3	22	3	31	3	31	3	31	3	31	4	22	4	22	3
12	4	3	3	3	4	6	4·5	6	7·5	6	7·5	7	7·5	6	11	6	6·5	8	4·5	8	4·5
13	4·5	4	2	4	2	4	3	4	4	4	3	4	4	4	3	4	4	4	3	4	3
14	2	4	2	4	2	4	2	4	3	4	2	4	4	4	2	4	3	4	2	4	3
15	10·5	19	8·5	17	8·5	17	4·5	19	7·5	19	7·5	22	5·5	22	4·5	22	4·5	25	4	25	5·5
16	4	25	4·5	17	5·5	17	3	17	4·5	17	3	17	4	17	3	17	4	17	3	17	3
17	5·5	21	8·5	21	6·5	21	4·5	21	5·5	21	4·5	14	6·5	17	11	16	20	18	17	21	13
18	15	29	8·5	31	10·5	28	8·5	27	9·5	27	7·5	26	6·5	27	4·5	27	4·5	27	9·5	29	16
19	4·5	1	4·5	29	5·5	4	8·5	2	7·5	3	5·5	3	4	3	3	3	4	3	4	3	4·5
20	2	5	4·5	5	3	4	3	27	7·5	27	4·5	18	4	18	5·5	18	4·5	28	11	28	8·5
21	10·5	24	11	23	12	23	13	20	10·5	24	8·5	31	9·5	29	8·5	26	9·5	25	13	24	9·5
22	13	28	6·5	28	5·5	28	4	28	6·5	28	8·5	25	8·5	25	9·5	24	9·5	24	7·5	26	4·5
23	5·5	29	10·5	28	8·5	1	6·5	11	4·5	24	4·5	24	6·5	28	4·5	28	6·5	26	4·5	30	4·5
24	4	31	4	31	3	31	2	31	4	31	4·5	1	3	21	5·5	21	6·5	22	6·5	19	7·5
25	4·5	3	6·5	5	6·5	6	4	5	4·5	7	6·5	7	7·5	8	10·5	6	11	7	12	6	15
26	1·5	4	1·2	3	1·1	4	1·3	4	1·4	3	10·5	3	7·5	2	7·5	3	7·5	3	4·5	3	4·5
27	4·5	3	5·5	5	5·5	5	6·5	5	6·5	6	6·5	6	5·5	6	5·5	6	6·5	6	6·5	8	7·5
28	13	6	10·5	6	1·4	7	1·4	8	1·4	7	11	7	11	8	1·4	8	1·2	6	10·5	7	7·5
29	10·5	20	5·5	2·3	5·5	17	8·5	16	6·5	16	6·5	12	10·5	13	11	13	9·5	8	8·5	10	1·6
30	1·5	1·8	1·5	1·8	1·8	2·0	2·3	1·9	2·0	1·8	2·3	1·8	1·8	1·8	1·6	1·8	1·7	1·8	2·0	1·6	1·6
31	3·0	1·8	3·4	1·8	3·3	2·0	4·1	2·0	3·0	2·1	3·1	2·2	3·3	2·3	3·5	2·4	2·4	2·1	2·1	2·5	2·1

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET}

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·004	·001			·001	·004	·007	·003	·003															·015
2																								
3																								
4																								
5																								
6													·012								·001			·005
7		·002				·001				·001														
8																								
9																								
10																								
11																								
12	Melted Snow at 10 a.m. = ·450																							
13																								
14																								
15																								
16																								
17																								·033 ·017
18	·010	·001	·001	·001	·001	·001	Melted Snow = ·000																	
19																								
20																								
21																								
22									Melted Snow ·003															
23																								
24																								
25																								
26	Melted Snow at 11 a.m. = ·050																							
27																								
28																								·001
29	·011	·048	·048	Melted Snow at 10 a.m. = ·130	·010															·080	·010			
30	·050	·085	·095	·085	·023	·001	·005		·006				·005	·001		·077	·009							
31	·048	·098	·012	·030	·005		·003	·001	·001	·010		·013	·027	·008	·006	·028	·043	·075						
	·010	·184	·104	·115	·029	·006	·015	·004	·010	·011	·010	·013	·044	·009	·006	·105	·052	·075						·020

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·203	·200	·194	·200	·206	·207	·203	·196	·190	·184	·187	·197	·194	·195	·194	·187	·192	·190	·195	·201	·211	·211	·207
2	·209	·210	·211	·201	·201	·196	·183	·177	·186	·186	·175	·171	·170	·172	·172	·175	·169	·173	·171	·178	·177	·171	·175
3	·168	·174	·173	·179	·177	·172	·172	·183	·188	·196	·209	·201	·203	·206	·204	·193	·183	·184	·178	·180	·181	·172	·173
4	·166	*	·159	·157	·156	·152	·150	·166	·177	. . .	*	. . .	·183	·187	·195	·204	·200	·207	·219	·224	·231	·236	·236
5	·224	·217	·208	·203	·184	·181	·183	·191	·193	·197	·190	·176	·155	·151	·140	·134	·124	·132	·119	·114	·114	·114	·126
6	·132	·140	·152	·156	·153	·158	. . .	*	*	. . .	·149	·193	·203	·206	·206	·200	·201	·200	·195	·184	·180	·165	·168
7	·161	·153	·155	·145	·145	·136	·140	·142	·144	·150	·140	·148	·150	·139	·138	*	·127	*	·137	*	·118	·114	·114
8	·113	·112	·110	·110	·105	·101	·096	·100	·106	·168	·146	·142	·137	·140	·138	·129	·116	·115	·111	·112	·110	·103	·102
9	·106	·110	·119	·131	·132	·130	·134	·126	·127	·126	·132	*	·140	·143	·135	·137	·134	·129	·132	·130	·131	·145	·146
10	·145	·148	·150	·143	·145	·155	·153	·154	*	*	·132	*	·142	·149	·140	·144	·135	·132	·132	·138	*	·143	·153
11	·164	·152	·157	·153	·147	·149	·152	·152	·147	·143	·144	·150	·150	·144	·146	·137	·125	·134	·127	·143	·125	·154	·159
12	·166	·179	·179	·177	·169	·172	·166	·150	·143	·135	·112	·118	·118	·116	·120	·125	·136	·141	·140	·148	·139	·135	·138
13	·138	·136	·123	·121	·127	·128	·131	·135	·132	·144	·138	·134	·137	·140	·134	·131	·114	·114	·113	·109	·114	·114	·107
14	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	·114	·109	·122	·120	·125	·133	·138	·138	·135	·131	·071	*	·109	*	*
15	. . .	. . .	*	*	. . .	. . .	. . .	‡·156	·150	·146	·142	·146	·144	·116	·121	·093	·109	·115	. . .	. . .	*	. . .	. . .
16	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	·090	*	·099	*	·100	. . .	*	. . .	·103	*	·108	*	·109	*	*
17	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	·096	*	·097	·124	·143	·151	·154	·153	·145	·142	·144	·158	. . .	*	. . .
18	*	. . .	·154	·144	·159	·164	·173	·176	·178	·181	·179	·153	·143	·137	·127	·107	·099	·102	·087	·109	·107	·152	*
19	·151	·151	·156	·155	·154	·156	·156	·153	·162	·159	·159	·161	·163	·163	·164	·166	·139	·129	·118	*	·122	·128	·101
20	. . .	. . .	. . .	*	. . .	. . .	. . .	. . .	·074	·081	·082	·092	·096	·072	·099	·100	·096	·092	·106	·107	·112	·121	·120
21	·118	·117	·112	·098	·098	·109	·104	·114	·118	·136	·142	·144	·147	·146	·142	·145	·153	*	*	·142	·106	·085	·093
22	·123	·131	·130	·132	·122	·120	·111	·109	·151	*	·137	·143	·131	·133	·128	·138	·122	·100	·092	·097	·095	·093	·099
23	·081	·078	·068	·084	·100	·081	·083	·101	·088	·087	·103	·123	·126	·135	·137	·134	·120	·110	·106	·099	·090	·086	·088
24	·087	·101	·088	·087	·082	·087	·084	·085	·078	*	·092	·078	·087	·094	·090	·090	·095	·104	·110	·125	·123	·119	·100
25	·098	·103	·117	·123	·119	·123	·118	·104	·115	·111	·101	·107	·104	·101	·079	·079	·080	·073	·076	·076	·079	·097	·108
26	·117	·109	·114	·135	·153	·162	·166	·165	·177	·169	·171	·168	·172	·168	·168	·167	·171	·169	·162	·161	·158	·175	·157
27	·142	·141	·144	·145	·149	·150	·154	·148	. . .	. . .	. . .	*	*	. . .	. . .	. . .	. . .	. . .	·152	·155	·161	·152	·154
28	·164	·169	·165	·169	·166	·161	·159	·159	·154	·151	·154	·143	·151	·171	·167	*	·180	·187	·194	·192	·195	·193	·197
29	·191	·177	·181	·182	·179	·179	·179	·176	·181	·204	·203	·208	·209	·205	·200	·207	·206	·214	·204	·209	·207	·208	·199
30	·195	·197	·194	·203	·204	·228	·246	·254	·255	·247	·250	·254	·252	·251	·259	·269	·257	·250	·256	·253	·264	·259	·266
31	·286	·288	·294	·283	·282	·281	·285	·281	·286	·292	·282	·284	·282	·279	·282	·289	·290	·275	·247	·237	·218	·209	·201

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°.10' N LONG 2°.6' W

HOURLY VALUES December 1878.

BAROMETER.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·623	29·606	29·591	29·564	29·561	29·556	29·571	29·581	29·598	29·624	29·641	29·660	29·674	29·695	29·732	29·761	29·790	29·824	29·852	29·884	29·906	29·914	29·926	29·940	1
2	29·949	29·961	29·961	29·968	29·980	29·987	29·998	30·008	30·008	30·023	30·034	30·042	30·037	30·040	30·050	30·058	30·068	30·076	30·088	30·104	30·105	30·114	30·121	30·127	2
3	30·132	30·133	30·140	30·142	30·148	30·164	30·181	·205	·217	·234	·237	·237	·239	·234	·241	·247	·254	·261	·262	·262	·258	·257	·255	·254	3
4	·248	·241	·228	30·212	30·197	30·192	30·191	30·191	·187	·181	·168	·148	·139	·122	·105	·095	·088	·069	·070	·065	·060	·052	·056	·052	4
5	·040	·028	30·015	29·994	29·977	29·965	29·970	29·975	30·002	30·019	30·034	30·037	30·051	30·046	30·047	30·063	30·063	30·056	30·051	30·049	30·056	30·059	30·052	30·042	5
6	·026	·010	29·991	·972	·967	·947	·926	·903	29·876	29·853	29·818	29·790	29·759	29·734	29·709	29·692	29·674	29·674	29·682	29·687	29·686	29·692	29·680	29·667	6
7	·659	·657	·643	·634	·626	·631	·625	·631	·651	·652	·663	·655	·648	·644	·637	·625	·626	·626	·608	·598	·588	·560	·547	·520	7
8	·496	·491	·480	·474	·473	·460	·471	·483	·496	·516	·542	·532	·531	·528	·526	·534	·523	·529	·529	·527	·523	·527	·526	·524	8
9	·524	·538	·530	·537	·541	·539	·547	·569	·583	·592	·592	·591	·595	·597	·605	·610	·615	·632	·643	·651	·670	·669	·687	·703	9
10	·727	·748	·775	·773	·785	·783	·794	·820	·838	·857	·873	·882	·881	·890	·893	·901	·906	·915	·922	·937	·935	·933	·935	·935	10
11	·930	·933	·930	·933	·931	·928	·926	·927	·922	·914	·894	·875	·852	·827	·808	·785	·759	·737	·712	·688	·665	·655	·634	·617	11
12	·607	·592	·580	·568	·553	·540	·546	·546	·543	·544	·542	·535	·518	·514	·509	·502	·505	·498	·498	·493	·492	·489	·481	·474	12
13	·472	·472	·471	·471	·467	·466	·474	·487	·496	·509	·516	·523	·521	·523	·532	·541	·547	·554	·559	·572	·582	·586	·589	·587	13
14	·583	·578	·571	·566	·561	·551	·549	·547	·548	·549	·547	·548	·536	·537	·531	·534	·518	·514	·505	·503	·497	·494	·482	·471	14
15	·459	·439	·422	·403	·387	·371	·360	·347	·354	·346	·342	·341	·328	·319	·304	·298	·291	·284	·284	·282	·280	·276	·269	·274	15
16	·272	·274	·282	·284	·276	·279	·286	·303	·310	·323	·332	·326	·328	·334	·345	·365	·377	·390	·398	·398	·405	·394	·385	·382	16
17	29·375	29·372	29·370	29·369	29·352	29·336	29·340	29·341	29·340	29·327	29·316	29·297	29·282	29·259	29·246	29·240	29·210	29·208	29·184	29·151	29·124	29·088	29·065	29·044	17
18	28·984	28·951	28·924	28·909	28·894	28·891	28·891	28·904	28·911	28·909	28·912	28·907	28·904	28·903	28·903	28·897	28·892	28·890	28·877	28·863	28·871	28·887	28·900	28·914	18
19	28·905	28·916	28·937	28·946	28·957	28·971	29·002	29·041	29·070	29·097	29·132	29·147	29·163	29·181	29·203	29·228	29·236	29·251	29·266	29·289	29·293	29·303	29·300	29·294	19
20	29·296	29·296	29·294	29·293	29·289	29·295	·313	·329	·336	·352	·365	·363	·375	·396	·414	·428	·442	·465	·481	·501	·520	·537	·547	·566	20
21	·560	·579	·591	·583	·576	·558	·565	·565	·558	·553	·548	·529	·514	·499	·486	·477	·471	·453	·426	·399	·369	·359	·361	·366	21
22	·378	·383	·396	·387	·402	·404	·414	·441	·438	·471	·472	·476	·474	·478	·506	·494	·503	·505	·503	·524	·523	·530	·529	·531	22
23	29·541	29·545	29·545	29·545	29·549	29·566	29·591	29·621	29·655	29·689	29·716	29·731	29·761	29·805	29·835	29·854	29·875	29·896	29·908	29·923	29·938	29·966	·982	·993	23
24	30·015	30·034	30·051	30·061	30·064	30·074	30·093	30·111	30·128	30·145	30·143	30·138	30·135	30·133	30·138	30·128	30·108	30·080	30·060	30·051	30·039	30·018	·992	·964	24
25	29·954	29·937	29·918	29·892	29·865	29·853	29·844	29·862	29·853	29·854	29·850	29·846	29·832	29·832	29·824	29·824	29·808	29·792	29·784	29·778	29·768	29·748	·731	·712	25
26	·693	·673	·658	·635	·605	·595	·578	·572	·565	·551	·534	·512	·495	·483	·479	·468	·467	·462	·460	·463	·460	·445	·438	·432	26
27	·427	·427	·425	·420	·414	·412	·411	·413	·415	·415	·409	·397	·384	·384	·376	·378	·378	·368	·366	·356	·367	·356	·348	·345	27
28	·338	·346	·344	·351	·349	·351	·361	·372	·388	·396	·407	·401	·408	·404	·401	·397	·381	·375	·375	·376	·362	·343	·310	·285	28
29	·266	·241	·215	·185	29·134	29·088	29·061	29·049	29·042	29·041	29·067	29·081	29·106	29·124	29·148	29·168	29·183	29·205	29·228	29·246	29·256	29·233	29·208	29·187	29
30	29·157	29·125	29·074	29·005	28·942	28·908	28·865	28·857	28·858	28·868	28·876	28·880	28·882	28·877	28·881	28·881	28·872	28·882	28·878	28·884	28·889	28·889	28·901	28·897	30
31	28·884	28·872	28·864	28·827	28·795	28·764	28·741	28·744	28·740	28·744	28·722	28·724	28·718	28·711	28·695	28·675	28·639	28·599	28·574	28·612	28·668	28·741	28·810	28·913	31

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	356	347	358	386	374	378	367	363	360	366	378	397	404	403	420	407	433	421	424	421	380	376	378	367	1
2	369	363	358	363	359	360	362	364	369	376	380	391	387	384	380	379	374	375	368	362	360	358	360	358	2
3	350	359	348	347	349	350	353	357	347	353	360	366	366	361	348	347	340	327	340	339	321	310	307	301	3
4	301	311	301	300	290	292	281	289	286	306	320	339	351	353	345	334	346	359	367	360	362	390	383	387	4
5	384	380	384	393	390	383	381	382	356	360	367	364	365	348	341	327	328	329	327	343	351	341	331	331	5
6	330	347	348	342	336	340	340	346	338	343	347	355	358	357	352	354	360	358	353	350	341	343	344	364	6
7	348	343	346	340	337	336	333	339	341	344	340	346	347	332	334	330	326	320	304	309	312	306	304	307	7
8	315	315	316	317	313	316	317	323	310	310	322	336	327	322	318	322	322	326	327	320	304	300	310	319	8
9	320	318	292	304	294	293	294	310	316	317	327	315	316	324	318	315	325	317	286	276	311	278	278	320	9
10	347	302	325	324	281	297	316	314	324	337	339	344	337	347	340	347	344	350	380	358	331	313	300	285	10
11	274	261	287	290	286	287	290	276	257	257	272	274	281	293	284	298	284	292	300	317	329	330	331	318	11
12	317	307	302	303	285	274	263	240	255	274	284	295	294	294	290	293	292	277	279	260	252	240	210	222	12
13	234	225	217	224	201	198	198	200	190	185	196	214	231	222	210	182	175	175	170	194	201	216	219	210	13
14	203	180	182	194	225	257	280	299	315	326	324	318	324	313	321	308	311	317	326	323	316	300	308	307	14
15	301	314	328	330	325	336	335	332	323	317	314	320	317	303	304	296	316	314	312	298	298	305	299	298	15
16	300	302	302	300	300	297	298	304	307	314	325	320	323	328	340	326	317	305	308	299	304	291	310	310	16
17	310	301	306	303	292	303	294	300	289	287	309	310	314	317	325	301	284	270	268	257	274	286	299	293	17
18	310	341	329	327	325	310	285	244	201	180	176	178	187	220	238	264	243	272	297	275	276	274	282	347	18
19	360	383	367	380	365	388	381	371	370	376	368	380	374	370	357	324	266	275	286	283	276	280	284	294	19
20	305	300	294	308	321	311	308	310	313	323	324	324	338	334	334	290	306	312	318	317	330	335	336	337	20
21	330	327	304	296	300	300	300	299	304	304	313	318	322	324	320	310	293	293	277	289	288	299	310	304	21
22	315	311	324	317	304	310	314	304	300	304	308	330	321	320	314	308	301	300	294	287	291	288	283	286	22
23	278	276	287	290	288	287	288	305	327	330	332	332	353	344	332	326	312	308	292	268	290	293	282	287	23
24	293	298	289	283	284	280	267	260	268	268	280	280	296	299	277	278	260	274	265	247	213	254	266	303	24
25	303	295	297	280	319	320	343	337	378	337	324	316	321	313	319	300	301	294	294	290	296	298	304	310	25
26	314	313	306	297	292	279	263	274	242	256	274	290	305	308	311	308	310	312	316	320	310	307	296	300	26
27	293	296	298	293	293	300	304	301	266	268	274	279	282	300	290	294	290	293	296	291	292	290	293	297	27
28	300	292	287	290	298	293	297	294	300	304	303	302	294	319	346	348	360	388	385	377	379	378	396	408	28
29	407	385	399	392	398	400	388	380	357	349	354	360	382	383	386	363	344	346	358	364	372	380	373	371	29
30	377	390	397	403	405	400	391	390	380	370	387	397	417	436	425	417	421	417	410	400	417	404	400	414	30
31	392	408	413	404	409	407	426	424	420	430	434	439	446	448	450	456	457	456	447	447	402	391	367	360	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

ABERDEEN OBSERVATORY LAT. 57°10' N. LONG. 2°6' W.

HOURLY VALUES December 1878.

WIND DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1		2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	24	4·5	25	4	25	9·5	25	17	24	9·5	26	17	26	16	26	19	27	19	27	15	27	14	27	10·5	27	9·5	7·5	4	8·5	32	10·5	7	15	7	15	7	17	8	11	29	8·5	27	10·5	32	7·5	27	10·5	1
2	27	7·5	27	11	26	12	26	14	26	12	26	12	26	12	26	13	26	13	26	10·5	27	13	29	9·5	27	13	6	13	26	10·5	26	10·5	26	12	26	9·5	26	11	28	9·5	27	10·5	27	12	26	12	26	11	2
3	26	10·5	26	10·5	26	11	26	12	26	9·5	26	11	26	8·5	26	9·5	26	9·5	26	7·5	26	7·5	26	5·5	26	4	6	45	26	6·5	26	6·5	24	6·5	24	5·5	24	4·5	24	5·5	25	5·5	25	6·5	25	4·5	25	4	3
4	25	4	24	5·5	24	5·5	24	4·5	24	6·5	24	5·5	24	4·5	24	4·5	24	4·5	24	4·5	23	4·5	23	4	24	4	4·5	24	4·5	24	4·5	24	5·5	21	5·5	21	4	21	4·5	22	3	24	9·5	27	13	26	12	4
5	26	10·5	26	9·5	24	9·5	25	13	25	13	26	14	26	16	26	18	31	15	29	11	30	17	31	17	30	17	6	15	28	17	28	18	27	21	27	16	27	16	28	20	27	20	27	21	26	19	27	21	5
6	27	22	28	20	27	17	27	15	26	21	26	17	25	18	26	11	24	11	25	11	24	*	*	*	25	10·5	4	25	6·5	25	4	26	13	29	13	29	10·5	28	12	27	13	28	10·5	27	12	27	12	6
7	27	15	28	13	28	17	28	14	29	13	28	14	28	14	29	16	30	13	32	15	32	14	30	13	30	14	31	11	29	14	28	16	29	10·5	30	9·5	27	14	28	16	31	14	28	13	27	13	28	12	7
8	27	17	29	11	28	18	29	14	29	11	28	14	28	14	30	11	28	10·5	28	9·5	29	8·5	29	10·5	28	14	28	14	27	17	27	18	27	24	28	20	27	15	28	15	27	12	26	14	26	14	28	12	8
9	27	12	27	11	27	11	27	11	27	13	27	15	27	14	27	11	27	11	27	11	27	16	27	14	27	14	27	15	27	12	27	16	27	16	2	11	28	12	28	11	28	10·5	27	11	27	10·5	12	6·5	9
10	8	11	30	9·5	32	11	30	12	28	15	28	12	28	13	13	6·5	7	6·5	7	9	8	13	2	10·5	28	10	30	9·5	24	7·5	29	6·5	25	4·5	24	7·5	6	12	8	13	28	9·5	27	16	28	14	28	15	10
11	28	14	27	19	27	21	27	20	26	19	26	15	26	16	27	14	27	13	27	12	26	8·5	24	5·5	23	5	5	8·5	25	11	24	9·5	25	9·5	24	7·5	24	8·5	24	9·5	25	12	26	13	26	17	26	12	11
12	26	11	26	11	25	12	25	12	26	13	26	9·5	26	10·5	26	11	26	12	26	13	26	15	26	9·5	26	13	26	10·5	26	13	26	12	26	11	26	11	26	13	26	15	26	13	26	9·5	26	12	26	8·5	12
13	24	5·5	24	5·5	24	5·5	24	4·5	24	5·5	24	4·5	24	5·5	24	5·5	24	8·5	24	6·5	24	5·5	24	6·5	24	4	4	6·5	24	4·5	24	5·5	24	9·5	24	9·5	25	9·5	26	5·5	26	5·5	26	6·5	26	5·5	26	6·5	13
14	26	9·5	26	9·5	26	12	26	9·5	26	5·5	26	9·5	26	10·5	26	13	26	15	27	14	27	17	27	15	27	12	28	19	27	16	27	13	26	18	26	18	26	17	26	19	26	19	26	10·5	26	18	26	11	14
15	25	11	23	11	24	16	25	14	23	13	23	12	25	13	26	24	26	22	26	24	26	15	25	19	26	18	24	14	26	14	24	14	26	20	27	27	27	26	26	29	27	31	27	29	27	27	27	29	15
16	27	29	27	29	27	24	27	24	27	24	27	26	27	23	27	24	27	23	27	21	27	25	27	22	27	17	28	15	28	12	29	12	28	14	29	11	29	9·5	27	13	27	15	27	17	27	20	26	23	16
17	25	13	24	12	25	14	25	14	26	15	26	20	26	15	26	15	26	13	26	11	25	12	23	7·5	25	4	5	9·5	25	15	22	6·5	18	5·5	19	5·5	19	6·5	19	8·5	18	7·5	16	11	16	12	17	8·5	17
18	14	15	15	20	16	12	18	7·5	20	4	20	4	20	4·5	20	8·5	20	12	20	11	20	11	20	10·5	20	9	8	13	20	12	20	16	27	17	27	17	27	12	5	37	7	37	4	27	6	28	4	20	18
19	1	22	5	29	6	30	6	23	7	31	7	35	7	35	7	34	6	36	7	29	6	32	5	27·5	20	4	4	13	31	10·5	29	11	28	14	27	14	27	11	24	10·5	26	14	26	16	24	16	19
20	26	16	25	15	24	11	25	15	26	19	26	21	27	19	27	18	27	13	28	17	27	17	27	14	29	14	9	13	1	12	27	13	27	13	28	15	30	14	27	14	27	10·5	30	17	28	17	28	13	20
21	28	18	26	23	27	18	27	16	26	19	26	25	26	23	26	20	26	21	26	21	25	17	26	17	26	16	16	19	27	19	25	13	27	20	27	21	24	16	25	26	25	29	25	32	25	29	26	31	21
22	28	27	27	22	27	27	27	31	27	32	26	28	27	27	26	21	27	23	2	12	25	12	26	24	27	34	27	25	25	18	27	26	26	32	27	29	27	34	27	29	27	27	27	28	26	30	26	31	22
23	26	27	26	26	26	27	26	28	26	28	27	27	27	24	27	18	32	11	32	9·5	28	12	28	15	3	21	5	16	30	12	30	11	27	13	27	12	28	17	27	20	28	23	27	23	27	20	28	19	23
24	27	23	27	19	26	20	26	17	26	18	27	15	26	15	26	16	26	13	25	10·5	25	10·5	24	10·5	23	0	14	6·5	24	6·5	21	10·5	20	12	20	13	20	7·5	19	4	19	6·5	19	8·5	20	11	21	13	24
25	17	12	19	13	19	10·5	19	7·5	14	9·5	20	14	22	19	20	12	25	11	18	7·5	21	7·5	18	9·5	25	5	4	6·5	22	4	17	7·5	18	6·5	20	6·5	25	6·5	25	6·5	25	9·5	26	9·5	26	9·5	26	5·5	25
26	26	4	26	5·5	26	4·5	26	7·5	26	9·5	26	9·5	26	10·5	26	6·5	26	12	26	14	27	13	28	9·5	26	7	6	10·5	26	11	27	12	27	11	27	11	27	12	27	10·5	27	11	28	12	28	12	28	14	26
27	28	14	28	13	28	13	28	13	28	14	28	12	28	10·5	28	10·5	28	10·5	28	10·5	28	10·5	28	11	28	5	9	5·5	29	7·5	29	6·5	29	5·5	29	6·5	29	6·5	29	6·5	29	5·5	29	9·5	29	7·5	29	4	27
28	29	7·5	29	5·5	29	7·5	29	6·5	29	5·5	29	6·5	29	5·5	29	7·5	29	5·5	29	5·5	28	6·5	28	5·5	28	5	8	4·5	29	4·5	16	8·5	16	9·5	14	17	14	21	15	17	14	16	14	24	14	27	28
29	14	21	15	12	14	24	14	21	14	29	14	29	14	24	16	10·5	19	8·5	20	8·5	20	8·5	19	10·5	20	14	9	16	18	12	17	6·5	13	4·5	16	11	18	10·5	16	10·5	19	6·5	24	4·5	17	7·5	17	9·5	29
30	17	6·5	16	9·5	15	13	14	20	14	16	15	17	16	9·5	18	7·5	18	9·5	16	7·5	18	8·5	20	8·5	20	13	8	18	20	22	19	22	19	22	20	16	16	7·5	19	11	20	12	20	9·5	19	6·5	20	8·5	30
31	16	7·5	20	11	18	12	17	7·5	15	11	18	13	18	16	19	13	18	11	19	9·5	19	19	19	17	19	21	6	17	16	12	19	12	18	14	18	20	20	20	23	22	24	21	26	30	27	29	27	24	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1					·005									·005	·005			·050			·035		·015		1
2				·005														·010							2
3							·020	·005																	3
4																					·015		·005		4
5									·035	·005															5
6			Melted Snow at 10 a.m. =					·060								·015		·010	·005		·015	·005		·005	6
7			·025	·015	·005		Snow at 10 a.m. =		·100			·010													7
8			Melted Snow at 10 a.m. =					·430					·020												8
9			do			do	=	·300					·010	·010											9
10			do			do	=	·240					·015	·015	·005					·005					10
11			Melted ice at 10 a.m. =					·030																	11
12																									12
13																									13
14			Melted Snow at 10 a.m. =					·040																	14
15			do			do			·010																15
16			do			do			·550																16
17			do			do			·015																17
18			Melted Ice at 10 a.m. =					·050														·130		·070	18
19						·010	·010	·020	·010	·010	·010														19
20			Melted Snow at 10 a.m. =					·090					·010												20
21			do			do		=	·170																21
22			do			do		=	·310																22
23			do			do		=	·220																23
24			do			do		=	·050																24
25																									25
26																									26
27			Melted Snow at 10 a.m. =					·100																	27
28			do			do		=	·060													·020	·040	·020	28
29	·020	·210	·110	·060	·080	·120	·120	·070	·010	·020															29
30				·050	·050	·115	·025	·005																	30
31									·005														·010	·030	31

*Record defective or Instrument out of action. †Obtained from reading of Standard.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
·205	·200	·195	·203	·200	·201	·200	·199	·201	·205	·214	·230	·230	·235	·243	·233	·220	·236	·229	·219	·210	·211	·201	·200	1
·201	·199	·195	·197	·198	·193	·195	·194	·188	·189	·188	·206	·219	·212	·216	·215	·211	·214	·210	·204	·203	·199	·199	·201	2
·196	·200	·192	·192	·191	·192	·195	·196	·192	·197	·197	·201	·201	·198	·188	·192	·186	·178	·188	·183	·171	·161	·154	·150	3
·144	·139	·137	*	·130	·125	·124	·120	·121	·126	·145	·154	*	·162	·174	·169	·181	·189	·195	·193	·206	·226	·229	·227	4
·224	·208	·200	·196	·199	·200	·196	·201	·197	·195	·173	·154	·154	*	*	·154	·157	·166	·165	·147	------	*	------	·154	5
·155	------	------	------	*	*	------	------	------	·147	·157	·150	·156	·162	·165	·175	·182	·193	·195	·188	·187	·188	·185	·175	6
·178	·182	·177	·176	·176	·179	·178	·171	·177	·173	·180	·173	·178	·180	·157	*	*	·170	·159	·160	·176	·159	·159	·154	7
·157	·166	·164	·156	·152	·172	·175	·177	·164	·169	·174	*	*	·158	·160	*	·172	*	*	·180	·165	·159	·166	·181	8
·182	·180	·159	·164	·155	·154	·155	·171	·174	·175	·180	·169	*	*	·160	·165	·173	·177	·154	·141	·170	·143	·146	·167	9
*	*	·166	·153	·145	·157	·164	·167	·162	·152	·181	·185	·186	·188	·182	·182	·183	·182	·171	·172	·166	*	·148	·145	10
·143	·138	·158	·154	·148	·143	·142	·141	·132	·125	·120	·116	*	·103	·100	·104	·102	·111	·121	·138	·150	·157	·162	·156	11
·154	·151	·145	·146	·145	·140	·136	·129	·135	·143	·144	·142	·144	·136	·133	·137	·133	·130	·131	·121	·120	·115	·113	·103	12
·102	·097	·092	·075	·084	·082	·079	·073	·070	·078	·063	·065	·070	·079	·078	·073	·074	·080	·094	·084	·090	·095	·093	·096	13
·192	·088	·092	·082	·103	·104	·134	·153	·166	·173	*	·170	*	·154	·171	·152	·161	·162	·171	·159	·150	·140	·134	·133	14
·127	·136	·147	·155	·157	·159	·162	·167	·163	·162	*	·118	*	·111	·124	·122	·155	·144	·133	·144	·149	·155	·164	·163	15
·167	·166	·163	·164	·151	·154	·149	·159	·159	·165	·170	·157	------	*	------	·157	·158	·158	·152	·137	·159	·144	·153	·148	16
·146	·144	·137	·131	·127	·136	·130	·135	·126	·124	·135	·133	·136	·129	·141	·139	·127	·117	·119	·110	·116	·123	·125	·126	17
·148	*	·182	·180	·177	*	·145	·131	·105	·098	·091	·094	·086	·097	·111	·115	·111	·123	·154	·195	·201	·182	·183	·188	18
·188	·177	·193	·185	·183	·166	·179	·181	·170	·186	·169	·159	·152	·140	·147	*	*	·117	·139	·117	·124	·122	·127	·124	19
·132	·126	·124	·138	·140	·155	·157	·148	·161	·173	------	*	*	------	·151	·136	·146	·151	·160	·172	------	*	------	·184	20
·161	·139	·139	·135	·138	·130	·138	·142	·150	·155	*	†·131	·138	·142	·143	·151	·162	·126	·111	·097	·117	·128	·144	·167	21
·169	·175	·176	·167	·170	·148	·158	·155	·151	·170	·168	·145	*	·139	·134	·134	·129	·138	·146	·137	·135	·135	·146	·137	22
·130	·132	·149	·148	·150	·158	·159	·168	·185	·182	·173	·155	·168	·160	*	*	·136	·119	·109	·103	·130	·134	·130	·137	23
·162	·144	·138	·129	·133	·134	·115	·100	·119	·119	·091	·095	*	·104	·098	·090	·081	·093	·084	·083	·085	·092	·105	·123	24
·129	·134	·138	·131	·148	·151	·159	·159	·164	·159	·138	*	·144	·132	·140	·133	·129	·124	·133	·130	·137	·139	·145	·148	25
·163	·169	·156	·151	·150	·141	·136	·146	·123	·139	·149	*	·155	·157	·163	·162	·161	·166	·164	·167	·161	·164	·151	·156	26
·154	·156	·158	·151	·148	·151	·152	·153	·136	·133	·131	·134	·143	·145	·148	·152	·148	·154	·151	·146	·147	·145	·148	·157	27
·159	·150	·149	·142	·152	·148	·154	·155	·156	·159	·157	·148	·149	·144	*	*	·201	·197	·206	·200	·207	·216	·227	·229	28
·241	·223	·227	·220	·207	·222	·216	·216	·198	·191	·194	·193	·190	·189	·192	·190	·183	·189	·201	·203	·206	·206	·205	·213	29
·220	·228	·226	·243	·241	·234	·227	·232	·222	·212	·213	·214	·217	·220	·220	·230	·238	·230	·233	·217	·213	·211	·217	·225	30
·224	·233	·243	·236	·245	·248	·245	·247	·247	·247	·249	·249	·253	·255	·249	·249	·251	·251	·253	·232	·213	·211	·206	·206	31

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N LONG 5° 4' W

HOURLY VALUES December 1878.

CISTERN 2.11 FEET ABOVE MEAN SEA LEVEL.

BAROMETER.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·710	29·705	29·699	29·685	29·679	29·677	29·679	29·675	29·677	29·675	29·659	29·630	29·607	29·579	29·551	29·547	29·545	29·539	29·557	29·571	29·591	29·607	29·619	29·635	1
2	·645	·663	·689	·713	·742	·765	·791	·817	·837	·859	·875	·879	·880	·875	·879	·895	·897	·905	·913	·915	29·923	29·925	29·927	29·919	2
3	29·918	29·909	29·897	29·895	29·897	29·895	29·903	29·913	29·921	29·933	29·937	29·927	29·919	29·911	29·917	29·928	29·945	29·959	29·973	29·987	30·005	30·023	30·039	30·047	3
4	30·055	30·063	30·069	30·083	30·087	30·097	30·105	30·121	30·133	30·147	30·150	30·142	30·137	30·127	30·122	30·126	30·124	30·124	30·124	30·116	30·112	30·108	30·102		4
5	30·088	·077	·060	·042	·026	·014	·010	·004	·000	·000	29·988	29·979	29·968	29·959	29·957	29·965	29·968	29·963	29·968	29·975	29·983	29·979	29·985	29·985	5
6	29·980	30·001	30·005	30·021	30·013	30·025	30·023	30·023	30·025	30·018	30·018	·992	·975	·955	·945	·937	·920	·902	·878	·852	·816	·774	·740	·700	6
7	·672	29·634	29·614	29·582	29·556	29·542	29·534	29·538	29·550	29·554	29·554	·547	·540	·526	·525	·526	·532	·532	·535	·536	·538	·534	·524	·516	7
8	·502	·486	·486	·447	·420	·388	·368	·360	·366	·368	·373	·351	·353	·329	·329	·358	·369	·389	·413	·423	·443	·461	·468	·475	8
9	·487	·491	·493	·503	·503	·513	·506	·507	·511	·516	·496	·476	·464	·457	·448	·456	·456	·456	·448	·455	·456	·460	·476	·488	9
10	·495	·512	·526	·537	·538	·550	·558	·568	·580	·596	·606	·595	·585	·571	·581	·583	·595	·597	·607	·615	·617	·623	·637	·639	10
11	·635	·639	·645	·651	·653	·651	·657	·671	·686	·695	·709	·702	·702	·702	·700	·696	·698	·699	·702	·696	·694	·690	·686	·678	11
12	·662	·654	·650	·638	·624	·608	·602	·595	·582	·578	·569	·544	·516	·478	·454	·437	·414	·398	·382	·367	·357	·349	·342	·318	12
13	·310	·302	·297	·296	·294	·295	·300	·312	·318	·326	·321	·302	·292	·276	·270	·262	·264	·244	·236	·222	·214	·206	·192	·174	13
14	·158	·140	·134	·132	·128	·124	·134	·162	·199	·246	·306	·318	·340	·368	·410	·446	·473	·501	·523	·554	·573	·588	·601	·606	14
15	·606	·614	·620	·624	·628	·618	·614	·620	·613	·610	·598	·568	·560	·544	·536	·522	·511	·471	·470	·458	·441	·420	·400	·376	15
16	·350	·330	·313	·298	·278	·266	·248	·250	·266	·268	·263	·247	·235	·233	·230	·239	·238	·239	·240	·253	·255	·260	·257	·257	16
17	·259	·263	·277	·280	·300	·305	·313	·329	·347	·360	·357	·357	·354	·362	·376	·397	·402	·409	·427	·434	·434	·427	·414	·412	17
18	·392	·366	·354	·324	·304	·280	·264	·254	·247	·244	·231	·199	·179	·155	·144	·134	·139	·131	·133	·141	·139	·149	·144	·137	18
19	·135	·131	·131	·119	·121	·125	·144	·159	·175	·187	·195	·201	·202	·213	·229	·245	·255	·263	·268	·273	·285	·289	·285	·281	19
20	·271	·273	·269	·265	·259	·245	·243	·255	·263	·272	·291	·286	·289	·291	·303	·321	·336	·361	·385	·417	·439	·457	·477	·493	20
21	·505	·527	·548	·553	·567	·594	·617	·647	·673	·691	·712	·722	·716	·722	·737	·747	·754	·761	·770	·776	·780	·774	·770	·764	21
22	·760	·754	·749	·730	·704	·688	·680	·686	·680	·674	·676	·663	·648	·641	·655	·655	·679	·685	·697	·707	·713	·719	·715	·710	22
23	·718	·719	·711	·719	29·713	29·713	29·719	29·747	29·773	29·785	29·784	29·778	29·772	29·798	29·820	29·830	29·828	·855	·868	·882	·908	·925	·945	·948	23
24	·970	·992	·987	·992	30·008	30·032	30·047	30·070	30·068	30·075	30·075	30·063	30·050	30·051	30·051	30·043	30·030	·980	·970	·963	·940	·933	·877	·853	24
25	·822	·790	·780	·739	29·667	29·643	29·625	29·605	29·575	29·559	29·519	29·477	29·436	29·385	29·355	29·326	29·305	·295	·277	·257	·243	·231	·219	·203	25
26	·191	·181	·153	·141	·106	·106	·116	·127	·157	·171	·189	·177	·167	·167	·169	·163	·167	·167	·167	·177	·178	·171	·167	·167	26
27	·176	·193	·198	·241	·254	·259	·277	·303	·307	·311	·308	·284	·258	·240	·212	·182	·154	·184	·218	·237	·284	·318	·342	·352	27
28	·362	·370	·378	·367	·348	·348	·344	·348	·348	·328	·311	·259	·209	·161	·159	·145	·109	·073	·054	·064	·069	·081	·089	·103	28
29	·109	·123	·129	·144	·145	·137	·147	·161	·161	·151	·149	·145	·135	·139	·144	·151	·161	·169	·169	·175	·164	·127	·111	·109	29
30	·109	·126	·143	·164	·187	·203	·221	·241	·269	·284	·292	·300	·272	·284	·280	·288	·298	·307	·309	·314	·322	·328	·310	·324	30
31	29·324	29·328	29·334	29·344	29·352	29·358	29·368	29·388	29·408	29·418	29·407	29·382	29·363	29·363	29·399	29·413	29·437	29·473	29·480	29·493	29·547	29·569	29·581	29·597	31

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	435	434	436	436	439	437	434	430	451	460	467	468	470	471	469	463	462	456	424	435	441	435	441	443
2	445	435	440	437	427	425	419	412	407	409	415	420	427	430	428	420	404	396	380	386	390	387	379	387
3	383	388	393	390	394	371	360	344	359	377	400	415	420	422	414	406	387	376	365	365	364	362	359	348
4	330	344	330	322	357	342	347	339	340	360	389	408	417	423	423	418	400	388	379	395	397	406	406	399
5	397	404	405	414	416	426	443	446	454	462	461	461	466	456	463	449	448	447	445	434	440	440	424	429
6	418	410	393	378	363	356	350	340	346	372	384	397	399	411	410	402	392	395	399	402	406	419	426	424
7	436	428	434	414	424	431	425	425	409	428	430	427	430	419	389	384	393	374	371	380	371	372	379	387
8	386	370	370	348	380	377	394	397	367	345	356	355	334	335	350	354	350	346	339	339	340	340	336	330
9	330	315	323	320	324	337	326	319	335	358	367	381	378	385	347	357	338	336	330	330	330	332	325	318
10	315	304	284	297	293	299	288	279	268	283	310	326	334	336	347	335	328	321	289	308	343	337	290	277
11	268	283	273	255	262	270	263	254	250	259	275	287	316	315	310	306	300	303	290	295	311	299	297	280
12	307	303	301	290	283	268	283	275	280	294	310	325	345	357	364	361	338	366	364	360	347	355	350	348
13	355	353	364	363	381	384	370	387	389	395	397	395	395	392	393	396	397	385	360	367	368	369	365	369
14	369	383	378	374	339	354	357	353	343	336	320	322	330	310	315	312	304	302	...	*	...	291	300	310
15	311	327	329	330	340	346	345	360	368	387	405	416	416	399	397	389	395	400	398	391	391	399	397	398
16	398	390	389	399	379	384	396	395	388	396	415	423	420	404	401	397	380	371	371	369	371	356	360	350
17	347	340	338	330	326	321	319	314	335	340	343	348	370	380	378	370	372	360	357	352	360	365	363	369
18	370	375	379	382	387	395	403	411	427	417	426	424	421	433	420	413	408	397	398	395	390	386	379	371
19	374	366	378	374	375	375	382	366	380	392	409	413	420	420	402	397	380	377	365	375	370	363	360	359
20	356	348	358	359	340	350	351	345	331	346	362	385	394	392	388	379	374	364	359	360	355	347	337	333
21	331	332	344	337	337	341	343	346	345	359	379	372	378	374	380	379	368	359	359	355	359	362	366	366
22	365	366	362	365	372	376	378	379	380	400	416	426	426	428	375	384	391	374	355	350	342	341	345	347
23	346	346	346	343	347	351	346	348	351	354	373	390	391	397	392	370	362	357	352	347	351	344	344	330
24	337	332	336	336	339	335	327	336	344	367	366	376	382	387	392	394	398	403	406	405	406	404	401	404
25	408	406	379	367	380	390	403	407	403	397	392	390	402	410	416	421	423	425	434	444	452	460	462	470
26	478	477	482	480	479	488	493	499	499	494	497	498	510	507	510	497	486	492	488	488	487	482	473	468
27	447	437	434	436	438	434	431	431	432	430	429	440	449	456	463	456	478	471	469	465	465	459	461	463
28	464	447	347	468	468	461	457	461	470	474	460	462	471	477	481	476	477	477	478	450	443	438	437	435
29	428	427	431	437	433	426	432	438	456	472	476	473	468	472	476	479	482	480	486	489	479	485	516	523
30	528	530	530	531	531	529	517	512	516	518	529	527	532	530	526	530	524	524	526	527	522	526	527	523
31	523	523	523	524	527	526	524	518	520	521	523	527	483	527	520	520	517	513	510	511	510	505	504	504

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
423	423	425	427	433	433	430	426	443	437	439	444	445	443	445	429	420	415	405	408	406	400	407	406	1
410	404	410	408	400	394	389	384	376	376	380	380	384	385	388	386	374	367	363	366	369	364	369	359	2
357	356	364	364	364	347	342	327	340	353	365	374	379	381	380	377	365	354	347	344	344	339	337	329	3
317	326	317	311	333	323	328	319	318	334	351	369	383	384	377	373	369	361	355	370	377	383	373	365	4
372	374	379	386	405	419	435	439	446	453	452	448	439	423	419	415	416	416	421	406	414	411	408	409	5
396	374	354	343	330	324	315	309	315	339	350	370	372	365	363	363	353	369	367	374	379	399	410	410	6
416	413	412	403	403	405	404	404	395	394	404	388	384	393	374	367	374	358	359	356	354	356	363	354	7
354	350	348	338	354	351	357	357	350	336	350	343	329	326	340	344	333	327	320	314	316	317	314	310	8
307	296	296	297	303	...	...	*	*	...	...	347	349	357	337	342	338	330	327	326	325	327	313	310	9
*	283	273	275	279	285	278	270	260	272	289	300	308	313	309	306	308	306	285	300	320	320	284	270	10
264	263	255	243	250	255	253	248	249	250	260	274	295	299	295	286	290	286	279	279	292	285	285	275	11
294	290	288	284	274	267	276	270	270	285	298	309	320	325	337	337	317	337	340	347	333	342	332	328	12
334	334	344	349	349	349	345	349	347	349	348	349	348	346	344	345	355	342	354	354	357	356	353	355	13
360	369	367	366	334	347	353	344	327	309	300	299	304	292	295	296	292	291	285	282	281	286	291	300	14
301	319	316	315	321	325	330	349	345	360	377	387	395	386	388	380	386	386	382	383	380	386	387	384	15
385	379	377	385	370	370	377	380	377	384	397	400	399	386	389	383	370	360	360	360	361	349	352	344	16
342	333	330	322	318	312	309	308	312	320	336	340	369	365	360	355	356	348	340	332	330	332	340	356	17
360	364	361	366	373	379	384	390	404	405	414	410	416	418	403	399	394	386	387	384	378	366	355	346	18
342	336	350	353	349	340	351	346	352	358	370	379	380	379	371	367	364	357	350	353	354	345	340	339	19
339	335	340	340	332	333	332	330	325	333	346	365	372	372	368	361	357	340	331	330	330	322	319	316	20
319	328	329	317	315	321	330	336	336	342	352	357	363	360	365	357	345	338	339	332	332	338	338	340	21
337	336	335	338	348	348	351	351	363	375	386	400	399	400	366	376	377	359	342	331	326	322	325	327	22
326	326	331	325	327	328	326	326	326	330	347	356	356	350	356	337	340	323	316	314	320	317	322	315	23
320	320	321	322	324	321	316	325	332	344	352	360	361	357	362	366	379	369	378	367	372	366	367	366	24
371	365	365	360	370	376	380	380	373	376	376	374	375	379	389	396	406	416	428	439	449	456	457	467	25
474	474	477	475	474	484	487	493	484	486	487	493	497	495	497	485	479	486	484	484	483	476	466	462	26
440	427	422	423	422	415	413	413	416	416	421	427	436	444	448	471	441	438	433	437	436	440	444		27
446	458	465	454	453	447	446	446	448	449	451	455	466	471	475	471	473	471	473	440	435	431	423	426	28
417	416	423	427	425	420	427	431	447	456	454	453	456	461	466	471	472	464	474	476	474	480	513	519	29
524	523	524	523	522	519	506	495	502	504	514	520	516	505	510	507	503	504	507	510	506	510	510	504	30
503	501	501	499	498	500	496	495	495	498	497	505	467	499	495	490	488	486	486	486	485	483	485	484	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

FALMOUTH OBSERVATORY LAT. 50° 9' N. LONG: 5° 4' W.

HOURLY VALUES December 1878.

WIND — DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N) AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	29	2	29	4	29	6·5	29	5·5	29	2	29	3	29	5·5	29	9·5	30	17	30	18	29	18	28	21	28	22	28	24	28	24	30	30	30	30	30	35	31	30	30	26	32	24	32	27	32	27	32	27	1
2	32	22	32	20	1	21	2	16	2	14	2	15	3	16	3	10·5	3	10·5	3	14	3	16	4	11	4	9·5	4	8·5	32	9·5	32	6·5	32	7·5	32	7·5	32	8·5	32	12	32	15	32	14	32	10·5	32	8·5	2
3	32	7·5	32	9·5	32	7·5	32	6·5	2	9·5	2	13	2	9·5	1	6·5	1	10·5	1	10·5	1	15	1	14	2	1·5	3	1·6	3	1·5	3	1·6	4	1·8	4	1·6	2	1·5	3	1·7	4	1·7	4	1·8	4	1·6	1	9·5	3
4	30	6·5	32	7·5	30	8·5	30	7·5	3	10·5	3	6·5	32	7·5	32	7·5	32	8·5	32	9·5	32	14	32	12	32	8·5	32	10·5	31	9·5	31	9·5	31	6·5	31	6·5	31	5·5	31	4·5	31	5·5	30	8·5	29	12	29	10·5	4
5	29	9·5	29	9·5	29	9·5	29	8·5	28	9·5	28	7·5	28	12	28	13	28	15	28	15	30	16	30	15	31	22	0	22	30	22	31	1·8	30	1·9	30	1·9	30	1·6	30	1·8	30	1·8	30	1·8	32	1·7	32	20	5
6	32	19	1	22	1	20	2	1·8	2	13	2	12	1	10·5	32	9·5	32	5·5	32	5·5	26	7·5	26	8·5	26	11	7	1·3	28	10·5	28	11	28	11	27	12	25	14	24	14	22	18	26	14	26	23	27	17	6
7	28	21	27	1·8	28	19	28	25	29	19	29	22	30	25	32	21	1	19	1	20	32	21	32	21	32	19	9	22	30	22	29	19	32	17	29	1·8	30	20	30	20	32	19	30	15	30	19	31	20	7
8	31	17	30	21	32	19	29	9·6	29	17	29	15	30	20	30	22	32	12	30	13	32	17	2	19	31	15	0	11	30	10·5	2	15	2	1·6	3	9·5	1	5·5	32	9·5	32	5·5	2	6·5	2	9·5	8
9	2	12	2	6·5	32	8·5	32	4	32	4	2	5·5	2	4	2	4	27	4·5	27	3	27	6·5	27	10·5	27	9·5	0	11	30	7·5	3	6·5	3	8·5	26	4·5	26	6·5	26	4	26	7·5	4	8·5	4	11	4	11	9
10	4	11	4	8·5							*	*	*	*							1	5·5	1	4·5	1	7·5	1	6·5	5	8·5	2	5·5	4	6·5	3	6·5	1	4	1	2	6	1·2	8	1·4	32	6·5	32	*	10
11									*	*	*	*									30	8·5	29	7·5	32	7·5	2	6·5	32	6·5	32	7·5	32								*	*	*	*					11
12									*	*											32	4·5	31	4	31	4	21	7·5	1	5·5	21	6·5	14	7·5	14	6·5	15	11	14	12	12	19	14	11	10	6·5	18	3	16	8·5	12
13	19	12	18	15	16	20	18	17	16	19	16	19	18	12	16	20	16	21	15	24	14	33	14	35	14	30	3	36	13	36	12	39	12	43	12	38	12	42	12	43	11	46	10	46	10	49	10	52	13
14	10	51	10	47	9	42	8	32	6	21	7	38	6	50	5	42	5	38	3	32	2	31	2	24	1	21	1	20	32	22	32	1·8	32	11	1	1·9·5					*	*							14
15	*	*	27	8·5	27	9·5	27	12	27	16	27	16	26	18	25	14	24	17	24	17	23	28	23	27	24	24	4	25	24	17	27	12	24	25	25	25	24	26	24	20	26	19	25	21	25	15	25	18	15
16	25	13	25	10·5	20	8·5	24	6·5	28	4·5	28	10·5	28	8·5	26	9·5	30	9·5	30	6·5	30	5·5	26	7·5	26	12	6	9·5	29	5·5	29	9·5	29	8·5	29	8·5	29	6·5	29	6·5	29	8·5	30	1·4	2	5·5	2	5·5	16
17	2	6·5	32	6·5	32	11	32	12	32	10·5	32	10·5	32	9·5	32	3	31	11	30	11	30	14	32	12	29	16	4	8	29	11	29	10·5	29	9·5	28	12	27	10·5	27	10·5	26	15	26	14	23	17	24	12	17
18	23	15	23	16	24	16	24	19	23	18	24	18	23	19	24	20	23	23	25	24	25	30	24	25	24	19	4	19	24	20	24	15	25	12	27	9·5	29	8·5	29	9·5	29	9·5	29	10·5	28	11	26	15	18
19	27	16	27	16	28	16	27	14	27	15	26	14	28	12	26	15	27	14	27	17	27	19	27	15	27	19	8	14	28	8·5	28	9·5	28	9·5	26	9·5	26	11	26	16	26	11	26	8·5	26	8·5	26	7·5	19
20	26	7·5	26	5·5	26	4·5	28	9·5	29	10·5	25	9·5	25	5·5	30	4·5	30	4·5	30	4	30	4	30	4	30	6·5	3	10·5	3	10·5	3	10·5	3	10·5	3	10·5	3	12	3	10·5	3	4·5	3	4·5	3	6·5	32	8·5	20
21	30	7·5	30	10·5	28	10·5	30	9·5	30	9·5	29	7·5	29	11	29	9·5	29	11	29	10·5	29	7·5	1	8·5	1	4·5	1	4	1	5·5	29	11	27	13	27	11	27	10·5	27	10·5	26	15	26	16	25	16	25	17	21
22	24	16	24	16	24	16	24	15	24	17	24	15	24	15	24	16	25	21	25	18	24	20	24	20	25	17	4	20	27	16	27	10·5	29	10·5	29	9·5	29	7·5	29	6·5	29	6·5	29	7·5	29	7·5	29	6·5	22
23	29	7·5	29	7·5	29	6·5	29	9·5	29	7·5	29	9·5	29	8·5	29	7·5	29	7·5	29	5·5	28	6·5	28	8·5	29	11	5	10·5	29	13	29	14	31	14	31	12	31	12	31	12	31	10·5	31	10·5	31	4·5	31	5·5	23
24	31	6·5	31	4·5	31	8·5	1	9·5	5	10·5	5	7·5	3	9·5	3	8·5	3	12	9	19	10	20	9	20	10	22	1	28	10	28	9	28	9	30	10	33	10	39	11	40	11	42	11	44	11	46	11	46	24
25	12	43	12	46	12	49	11	47	10	46	10	47	10	47	10	47	11	46	11	47	10	41	10	40	10	43	0	37	11	34	11	30	12	27	12	22	13	17	13	11	13	55	13	4	13	45	13	65	25
26	16	11	16	16	15	20	16	15	16	12	16	11	19	12	19	18	22	23	21	17	20	18	20	15	19	20	9	20	19	17	20	14	19	10·5	18	11	18	11	18	10·5	18	8·5	18	14	21	13	25	13	26
27	27	21	28	22	29	21	28	15	27	13	26	17	26	15	26	9·5	26	6·5	26	5·5	23	6·5	19	4	19	4	9	6·5	17	14	14	10·5	24	22	24	34	25	37	25	36	25	28	24	20	24	20	24	20	27
28	23	20	22	21	22	15	21	13	20	17	20	14	19	12	19	15	17	18	16	19	16	21	14	23	14	27	6	27	16	29	15	20	15	22	15	24	16	24	28	13	28	9·5	31	6·5	25	9·5	24	12	28
29	24	14	24	11	24	11	23	6·5	23	4·5	23	3	23	6·5	18	7·5	16	12	14	19	15	21	14	20	14	17	3	11	15	12	17	16	19	20	20	15	17	21	17	23	16	22	16	25	19	29	20	38	29
30	20	37	20	40	20	41	20	40	21	34	21	34	22	27	21	30	21	29	20	24	20	28	19	30	19	32	0	30	20	28	20	31	20	32	20	34	20	31	21	35	20	33	20	34	20	38	20	38	30
31	20	37	20	37	21	40	20	39	20	40	21	43	21	38	21	41	21	38	21	37	20	37	20	45	22	40	2	44	22	43	22	45	22	43	23	38	22	44	23	42	23	42	23	34	23	36	23	31	31

RAINFALL — GAUGE { HEIGHT ABOVE GROUND 2 FEET; HEIGHT ABOVE MEAN SEA LEVEL 167 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1				010	040	020		005	015	010		010				010			040						1
2																									2
3																									3
4																									4
5	010	005		005			010		020	010	010	030	010						020				030		5
6					005		005																	010	6
7				055	015	010	030	010	015	005	020					035	005	020	010	015	025	005			7
8				Melted Snow at 11 am = 125																					8
9				do at 10 am = 100																					9
10				do at 10 am = 260																					10
11																									11
12												005	005								010				12
13		005		005				005											070	130	055		075	160	13
14	210	055	060	030	185	140	145	060																	14
15												005	005	040	005	065	070	030		040	025	005	030		15
16															015							005			16
17					005					005	030	025	015	005										005	17
18	020	025					005			090	100	065	005		030	005	035	005	010					005	18
19			005	005			005	005			005		005				005	005	005	005	015				19
20																									20
21																									21
22															150	065	020								22
23																								005	23
24				005						005		005													24
25			040	140	035	015	005		010	040	085	055	020		005		005	040	050	015	005			005	25
26	005	050	110	015	015		015	015	035	005	010	005	005				005							005	26
27														015	075	060	020								27
28											025	035	060	040	140	130	170	100	180	200	085	015			28
29										010								005			045	055	020	005	29
30	025	075	030	005	005	005						005	005												30
31													160												31
	270	215	245	575	305	190	220	100	095	180	265	245	275	100	420	335	330	185	375	390	240	080	155	205	

*Record defective or Instrument out of action. Obtained from reading of Standard. * Approximate.

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	256	257	259	263	273	276	273	268	281	259	255	264	264	259	265	248	223	219	231	225	215	210	217	213	1
2	219	218	224	223	218	218	206	203	193	191	194	190	190	189	196	200	192	188	195	196	197	191	189	182	2
3	172	176	185	188	184	176	179	166	176	181	181	184	188	190	194	196	193	184	183	177	178	171	171	164	3
4	161	164	161	158	165	160	150	155	153	165	167	180	197	194	183	180	187	185	183	194	205	206	189	182	4
5	196	192	200	205	234	258	273	278	285	292	291	282	257	235	229	225	227	228	241	222	232	226	237	233	5
6	220	187	168	164	155	150	141	137	145	162	169	192	194	171	169	175	167	175	185	194	199	224	238	241	6
7	240	242	234	238	227	224	228	228	226	206	223	197	187	213	208	199	204	192	197	183	188	191	196	174	7
8	175	182	179	182	180	178	172	170	185	182	197	185	181	174	184	188	170	163	157	147	149	151	150	147	8
9	142	135	127	131	140			*	*			167	175	181	182	182	188	181	182	180	178	180	159	160	9
10		119	124	110	124	130	129	125	119	123	125	133	141	148	134	136	146	148	147	152	154	159	142	130	10
11	103	101	097	100	103	102	111	118	132	110	106	121	132	141	138	130	140	127	128	121	130	130	133	138	11
12	140	136	134	142	129	142	135	136	122	138	144	150	152	152	166	169	153	164	171	188	174	184	168	163	12
13	189	170	178	188	170	168	174	165	161	159	155	159	157	156	153	152	167	161	201	193	197	194	193	193	13
14	201	203	205	208	185	194	202	189	167	145	137	134	137	131	133	138	139	140		*		146	143	148	14
15	180	170	158	157	158	160	170	191	176	184	197	205	220	219	226	219	223	218	213	223	217	219	224	217	15
16	219	216	213	218	209	204	206	213	214	219	225	222	223	214	223	216	208	199	199	201	201	195	197	192	16
17	172	182	178	171	169	161	156	163	147	156	184	186	198	199	192	191	191	189	178	167	168	165	172	194	17
18	200	203	193	199	208	211	212	214	231	238	247	241	244	248	231	230	225	222	222	221	214	196	183	174	18
19	175	163	175	183	176	176	173	179	176	176	181	193	190	188	189	187	197	188	188	183	189	181	175	174	19
20	177	176	177	176	180	170	167	170	177	176	184	195	199	201	197	193	191	171	161	158	161	158	157	156	20
21	144	182	169	154	151	157	172	181	182	180	177	193	197	196	199	186	176	173	174	165	162	170	166	169	21
22	195	165	165	167	177	174	177	176	195	198	203	219	217	217	207	216	211	194	184	166	166	159	161	162	22
23	162	162	171	163	162	160	162	160	157	162	174	174	173	158	172	160	173	149	141	141	147	148	156	157	23
24	159	165	162	164	165	164	163	170	175	181	190	194	190	179	183	188	207	184	198	180	187	179	183	179	24
25	244	276	200	204	208	210	204	200	191	203	208	207	196	195	208	217	234	253	268	281	295	301	301	316	25
26	322	323	325	322	320	335	336	343	332	332	331	345	341	340	341	326	325	335	335	335	334	322	309	306	26
27	279	262	255	255	250	241	239	239	245	247	258	259	267	278	293	287	315	254	250	245	253	258	264	270	27
28	273	283	284	287	284	279	281	277	271	268	289	297	312	316	321	318	321	316	320	275	273	269	254	263	28
29	251	250	261	262	263	260	268	269	285	286	277	278	291	298	305	313	312	295	312	313	320	329	374	381	29
30	379	389	386	382	379	372	355	333	345	348	359	378	360	335	353	340	338	340	345	351	348	353	351	341	30
31	329	334	334	328	321	327	320	326	323	329	324	339	299	324	323	310	309	309	313	312	311	312	315	315	31

Meteorological Office.
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT. 53°51′ N LONG 2°28′ W

HOURLY VALUES December 1878.

BAROMETER.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	29·425	29·403	29·377	29·359	29·346	29·329	29·323	29·307	29·275	29·263	29·241	29·259	29·255	29·267	29·279	29·293	29·321	29·363	29·387	29·413	29·447	29·473	29·511	29·531	1
2	·547	·567	·583	·599	·617	·633	·649	·667	·681	·699	·698	·695	·694	·703	·704	·710	·716	·722	·724	·724	·732	·737	·746	·746	2
3	·742	·742	·738	·738	·737	·748	·752	·776	·794	·808	·815	·821	·833	·841	·856	·867	·883	·899	·909	·921	·929	·941	·939	·941	3
4	·943	·947	·953	·943	·936	·936	·937	·945	·945	·943	·937	·927	·909	·891	·889	·889	·883	·875	·861	·849	·846	·831	·815	·805	4
5	·779	·769	·753	·733	·709	·701	·695	·697	·695	·699	·704	·696	·696	·700	·694	·706	·716	·736	·756	·766	·766	·778	·786	·794	5
6	·787	·784	·770	·754	·744	·733	·724	·710	·696	·676	·661	·619	·587	·563	·530	·495	·449	·421	·403	·389	·379	·373	·363	·351	6
7	·347	·347	·333	·327	·321	·327	·331	·339	·341	·343	·342	·332	·314	·306	·302	·310	·310	·308	·300	·306	·301	·282	·268	·250	7
8	·230	·210	·188	·178	·160	·146	·136	·138	·140	·138	·137	·141	·143	·155	·157	·175	·193	·209	·217	·225	·229	·233	·237	·239	8
9	·235	·235	·229	·225	·219	·221	·225	·237	·253	·265	·259	·256	·258	·264	·272	·280	·294	·314	·326	·336	·344	·348	·362	·360	9
10	·362	·374	·372	·372	·374	·384	·402	·418	·440	·462	·460	·470	·474	·478	·492	·502	·514	·522	·532	·540	·538	·546	·546	·542	10
11	·534	·536	·538	·534	·634	·530	·534	·540	·550	·561	·549	·543	·535	·533	·529	·530	·523	·519	·515	·509	·495	·479	·475	·461	11
12	·441	·429	·415	·395	·377	·365	·355	·345	·333	·327	·315	·295	·269	·253	·243	·239	·231	·225	·224	·223	·227	·231	·227	·221	12
13	·214	·213	·217	·213	·209	·207	·219	·237	·259	·277	·277	·279	·273	·273	·275	·285	·285	·285	·289	·303	·307	·311	·317	·313	13
14	·311	·315	·309	·297	·297	·291	·291	·293	·295	·299	·294	·288	·276	·274	·272	·278	·268	·272	·266	·274	·276	·270	·266	·260	14
15	·256	·252	·248	·242	·236	·232	·220	·218	·208	·208	·200	·190	·184	·178	·182	·180	·168	·162	·158	·150	·146	·140	·130	·122	15
16	·108	·106	·102	·096	·086	·086	·086	·101	·108	·108	·113	·092	·083	·079	·079	·089	·091	·097	·098	·099	·103	29·101	29·099	29·099	16
17	29·097	29·103	29·095	29·099	29·098	29·095	29·103	29·119	29·123	29·123	29·115	29·099	29·081	29·075	29·071	29·065	29·053	29·047	29·031	29·029	29·012	28·997	28·981	28·953	17
18	28·919	28·879	28·831	28·787	28·777	28·751	28·747	28·767	28·769	28·759	28·743	28·735	28·699	28·679	28·625	28·605	28·589	28·583	28·584	28·601	28·611	28·633	28·663	28·651	18
19	28·641	28·649	28·645	28·645	28·647	28·660	28·673	28·709	28·717	28·743	28·767	28·769	28·785	28·811	28·829	28·851	28·885	28·909	28·947	28·967	28·985	29·001	29·019	29·029	19
20	29·037	29·043	29·049	29·055	29·057	29·063	29·071	29·089	29·099	29·109	29·109	29·111	29·109	29·121	29·129	29·149	29·167	29·171	29·199	29·223	29·239	·263	·275	·283	20
21	·295	·317	·335	·337	·339	·349	·365	·389	·401	·407	·402	·392	·380	·374	·372	·374	·352	·338	·332	·312	·286	·264	·230	·230	21
22	·236	·264	·284	·290	·292	·292	·296	·312	·314	·314	·310	·304	·300	·300	·300	·310	·302	·312	·328	·342	·352	·356	·354	·353	22
23	·350	·352	·358	·364	·362	·370	·384	·402	·418	·428	·439	·441	·447	·467	·491	·517	·549	·575	·603	·627	·653	·691	·723	·749	23
24	·773	·799	·821	·833	·839	·859	·887	·914	·927	·935	·939	·939	·939	·944	·945	·939	·931	·935	·929	·926	·921	·907	·899	·879	24
25	·867	·853	·835	·809	·777	·761	·757	·741	·709	·687	·662	·617	·569	·541	·513	29·481	·447	29·423	·411	·389	·355	·313	·257	·225	25
26	·191	·165	·155	·121	·087	·081	·069	·061	·051	·037	·023	·005	·003	·001	·001	28·999	·001	28·999	·009	·027	·027	·029	·037	·033	26
27	·025	·033	·031	·027	·025	·027	·037	·053	·065	·061	·054	·044	·040	·049	·040	29·050	·036	29·020	·020	·016	29·016	29·004	29·008	29·012	27
28	29·012	29·024	29·038	29·040	29·044	29·044	29·060	29·084	29·104	29·114	29·120	29·122	·108	·104	·101	·090	·078	·060	·054	·026	28·998	28·960	28·914	28·870	28
29	28·856	28·818	28·810	28·818	28·832	28·850	28·878	28·918	28·951	28·970	28·978	28·991	29·002	29·018	29·026	29·052	29·042	29·042	29·046	29·020	·984	·952	·914	·878	29
30	·846	·762	·718	·721	·730	·764	·788	·832	·858	·892	·900	·902	28·904	28·893	28·890	28·888	28·874	28·876	28·888	28·910	·910	·898	·882	·870	30
31	28·844	28·834	28·821	28·810	28·786	28·778	28·798	28·816	28·828	28·840	28·843	28·837	28·835	28·809	28·793	28·767	28·755	28·773	28·801	28·821	28·817	28·827	28·895	28·962	31

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	36·9	38·2	38·5	38·9	38·1	40·2	39·5	40·0	40·8	40·0	40·1	36·2	37·6	39·9	39·5	39·2	39·9	40·7	41·0	40·5	40·6	40·6	39·5	37·5	1
2	38·0	38·7	38·0	37·0	37·0	36·2	36·5	36·1	36·0	38·0	39·4	40·7	40·0	39·2	39·0	38·0	38·1	37·3	36·0	36·0	34·2	33·8	32·1	33·0	2
3	36·0	34·9	34·4	35·2	35·5	35·7	35·9	35·2	34·4	35·8	37·9	38·1	39·2	39·1	38·0	36·5	35·1	33·6	33·3	32·3	32·8	32·7	31·5	30·9	3
4	29·0	28·7	28·5	28·3	29·0	29·0	29·2	29·8	30·0	30·3	32·0	33·5	36·2	35·7	36·5	32·9	32·0	30·3	30·9	30·9	30·3	30·6	33·0	31·5	4
5	34·4	36·2	35·1	36·2	36·1	35·1	38·2	38·9	39·0	38·8	39·1	40·3	41·3	41·6	40·2	38·2	37·9	36·5	35·1	33·5	32·0	31·6	31·2	31·0	5
6	30·8	29·8	31·1	32·1	32·1	31·9	32·9	33·2	34·8	35·4	35·8	36·5	37·0	36·5	35·8	35·9	36·7	39·0	39·7	40·0	39·4	39·0	37·0	36·6	6
7	36·4	35·0	35·1	33·9	34·0	34·7	34·6	33·8	33·4	32·9	34·2	34·9	35·4	34·8	34·9	34·6	33·9	34·0	34·0	33·1	32·5	31·8	31·4	31·1	7
8	31·2	30·3	30·9	31·0	30·7	30·6	30·0	29·9	29·1	30·5	31·4	32·8	33·1	34·9	34·3	33·0	32·8	32·0	31·0	31·0	30·9	31·2	31·6	31·0	8
9	30·4	29·0	28·9	28·6	27·2	26·0	27·3	27·1	27·3	26·9	30·4	32·0	33·0	34·1	34·1	32·3	30·0	30·0	29·1	28·5	26·8	27·9	25·8	27·1	9
10	26·9	26·0	27·0	25·2	26·0	25·2	25·2	27·5	29·0	31·0	31·9	31·3	33·1	32·0	31·0	29·7	28·5	28·9	27·1	26·9	26·4	25·9	25·1	24·9	10
11	25·6	23·9	24·4	23·3	23·2	23·5	25·0	25·0	26·2	28·9	30·7	32·3	32·4	32·8	32·0	31·4	29·9	27·8	28·8	25·5	25·7	24·1	22·8	21·0	11
12	19·5	18·4	22·0	23·2	23·8	25·5	26·8	26·5	25·9	27·2	29·6	30·0	32·2	31·8	30·9	29·0	28·3	26·4	25·9	25·2	24·7	24·3	22·5	22·4	12
13	22·9	19·7	19·9	19·9	17·0	16·0	16·0	14·9	15·2	19·8	18·9	18·8	21·1	22·3	23·1	24·0	24·9	25·7	26·9	27·0	26·4	25·8	24·0	23·4	13
14	22·9	22·2	21·5	19·6	19·2	18·2	17·8	16·0	14·4	15·2	18·5	21·7	22·0	22·0	21·5	19·0	19·6	19·1	20·2	20·9	20·0	20·8	23·3	24·1	14
15	26·3	25·9	23·6	24·4	24·6	26·2	27·0	28·1	30·8	32·0	32·8	33·2	32·9	34·1	33·4	32·7	31·9	32·3	32·1	31·6	31·0	31·9	32·1	32·0	15
16	31·5	31·1	31·3	31·0	30·8	30·8	29·5	29·2	28·9	28·8	29·0	28·8	27·7	26·9	24·5	22·5	21·9	22·9	21·3	19·9	19·9	19·2	18·3	18·9	16
17	19·0	19·5	20·1	19·0	17·2	16·2	15·0	14·1	14·0	15·0	17·9	22·1	24·4	24·8	29·1	29·2	28·6	30·0	30·1	29·6	30·2	27·0	30·5	32·0	17
18	32·9	33·0	34·0	33·2	32·4	33·7	33·8	34·0	34·5	33·4	34·9	35·5	35·6	35·2	34·0	34·0	33·2	33·3	34·5	34·0	32·6	32·7	31·5	31·9	18
19	31·5	30·7	28·1	30·9	31·6	32·9	34·2	34·0	34·1	35·7	35·8	33·2	33·9	31·2	33·0	34·9	31·8	31·5	30·0	30·2	29·9	31·0	26·9	27·6	19
20	27·0	26·8	23·6	23·1	22·3	22·1	21·2	20·9	20·7	20·2	19·2	20·8	23·0	24·6	25·0	24·0	23·7	22·2	20·7	19·0	19·1	14·9	17·9	18·7	20
21	17·9	17·5	18·0	19·0	17·6	18·8	22·2	22·7	23·9	20·5	20·5	25·9	27·8	29·1	29·2	31·0	29·1	32·1	32·0	34·5	32·9	34·1	35·6	35·0	21
22	34·0	32·9	31·1	28·0	28·0	25·9	26·0	25·0	25·8	27·3	29·3	31·2	31·9	31·1	30·7	31·2	32·1	30·9	27·3	26·9	25·4	24·5	27·8	29·8	22
23	27·0	27·5	28·9	23·2	26·6	21·0	17·0	19·0	19·0	21·8	19·9	27·0	27·7	28·3	27·0	26·4	28·8	28·7	28·7	29·5	30·0	30·0	27·5	25·1	23
24	23·0	21·0	19·0	17·8	17·2	17·0	19·6	16·2	17·9	20·5	19·5	22·7	22·9	23·3	23·7	20·5	21·2	21·1	19·0	19·1	18·4	17·6	15·1	14·2	24
25	16·9	15·2	14·0	14·1	13·4	13·1	16·0	14·7	16·8	19·9	21·0	22·0	23·9	25·2	26·6	26·0	23·8	27·0	27·0	27·0	28·9	29·0	29·1	30·2	25
26	30·9	32·0	32·2	32·7	32·6	32·0	32·5	32·6	32·2	32·4	32·5	32·9	32·9	33·0	33·1	33·1	32·9	33·4	33·1	35·1	33·6	34·3	33·4	33·8	26
27	33·8	32·6	32·5	34·5	34·7	34·4	33·5	33·8	33·7	34·6	35·7	36·4	34·9	34·8	33·0	33·2	33·4	33·9	34·2	33·8	34·1	33·8			27
28	33·1	33·1	33·2	33·2	33·7	33·1	33·9	34·7	35·9	36·2	37·0	38·2	38·4	38·2	38·4	39·0	38·9	38·5	39·0	40·0	38·5	37·0	37·0	37·1	28
29	37·1	38·3	38·5	38·0	38·2	36·9	37·0	37·0	37·2	37·9	39·0	39·7	40·0	40·0	39·0	37·8	38·1	37·7	37·5	38·0	39·1	39·8	39·2	39·9	29
30	40·3	40·8	42·3	42·5	44·1	44·0	43·3	43·7	44·0	44·0	45·1	46·8	47·5	47·1	46·9	46·3	47·0	46·3	46·0	45·8	45·9	45·3	45·1	44·0	30
31	46·3	45·5	47·1	48·0	48·0	47·0	46·7	45·9	46·0	46·9	47·6	47·1	47·0	48·5	48·3	47·1	46·3	47·1	46·9	46·9	47·0	46·7	45·0	44·0	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
36·5	38·0	38·0	38·7	37·9	39·0	38·3	38·5	39·0	39·0	39·7	35·4	36·4	37·5	37·3	37·0	37·8	38·5	38·7	38·1	38·4	38·6	37·5	36·0	1
36·2	36·9	36·7	35·0	34·9	34·6	34·7	34·0	33·8	35·0	36·0	36·0	36·0	35·9	36·1	35·8	35·0	34·6	34·0	33·7	32·5	31·9	30·9	31·3	2
33·2	32·6	32·3	33·1	34·0	34·1	34·3	34·0	33·4	34·3	35·9	36·1	37·0	36·9	35·9	34·9	33·5	31·9	31·3	30·9	30·9	31·0	30·0	29·2	3
*	27·6	27·8	27·8	28·0	28·3	28·9	29·0	29·2	30·8	31·9	34·1	34·0	34·3	31·5	30·9	29·2	30·0	30·2	*	30·2	*	*		4
33·6	35·1	34·5	36·0	35·9	34·9	38·0	37·6	37·8	37·3	37·8	37·9	38·3	38·0	37·0	35·4	35·1	33·2	32·0	30·1	28·9	28·2	28·0	27·9	5
28·0	27·5	29·1	30·3	—	—	—	—	—	30·6	31·0	32·2	34·0	34·3	34·9	35·1	36·2	38·7	39·0	39·0	37·9	37·3	35·5	35·0	6
34·1	33·4	33·0	32·1	32·0	32·2	32·0	31·3	31·1	30·9	31·1	31·3	32·0	31·6	31·9	31·6	30·8	30·8	30·7	30·0	*	28·9	28·8	28·2	7
28·9	28·7	27·9	28·0	28·1	28·7	28·4	27·9	*	*	28·4	29·3	30·0	31·6	31·5	31·0	31·1	30·9	30·1	30·1	*	28·9	29·0	28·7	8
28·1	27·0	26·9	26·4	25·9	24·9	25·9	25·9	25·8	25·2	28·1	29·2	30·4	31·0	30·9	29·7	28·0	28·0	27·1	26·9	25·4	*	25·0	26·0	9
26·0	25·0	25·7	24·3	25·1	24·4	24·2	24·1	26·1	27·3	29·2	30·0	29·6	30·7	30·0	29·1	28·2	27·2	27·1	26·0	25·7	25·1	24·7	24·1	10
24·2	23·0	23·2	22·4	22·2	22·9	24·0	24·0	25·0	27·9	29·4	30·9	31·2	31·4	31·0	29·9	28·4	26·9	27·5	24·9	24·2	23·1	22·2	21·0	11
19·4	18·0	21·0	22·8	23·0	25·0	26·0	25·9	25·0	26·8	28·4	28·8	30·2	29·9	29·1	27·9	27·1	25·3	24·8	24·2	23·8	23·2	21·9	22·0	12
21·9	19·0	19·0	19·0	16·4	15·5	15·0	14·3	*	19·0	18·3	18·3	20·5	21·8	22·2	23·3	24·0	24·9	26·0	26·1	25·7	25·0	23·1	22·8	13
22·0	21·8	21·0	19·0	19·0	18·2	17·5	15·8	14·1	14·9	17·9	20·7	21·0	21·8	20·4	18·2	18·8	18·5	19·9	20·7	19·4	20·2	22·9	23·6	14
26·0	25·8	23·3	24·0	24·2	26·0	26·8	28·0	30·5	31·8	*	33·0	32·7	33·2	32·9	32·1	31·4	31·9	—	—	-*-	-*-	—	—	15
*	*	31·1	30·9	30·5	30·6	29·3	29·0	28·8	28·7	28·5	28·1	27·2	26·5	24·1	22·4	21·8	22·7	21·1	19·9	19·9	19·0	18·2	18·7	16
18·9	19·1	20·0	18·8	17·0	16·1	14·9	14·0	13·9	15·0	17·1	21·8	23·9	23·9	28·2	28·8	28·0	29·4	29·8	29·0	29·9	26·9	30·0	31·6	17
—	-*-	-*-	—	32·1	33·0	32·1	31·8	32·0	32·9	32·7	33·0	32·8	32·6	32·9	33·1	32·8	32·1	32·3	32·0	*	30·6	29·0	28·8	18
29·1	29·0	27·2	29·8	30·9	31·8	33·0	33·2	32·0	32·4	32·5	31·3	*	29·8	30·6	31·8	29·9	30·1	28·9	29·0	28·9	*	25·9	26·8	19
26·1	26·0	23·0	22·3	21·8	21·7	20·5	20·1	20·0	19·4	18·2	19·9	21·5	22·9	23·2	22·2	22·2	21·1	20·1	16·4	18·6	14·2	17·0	18·0	20
17·0	17·0	17·1	18·7	16·9	18·1	21·9	21·8	22·0	19·4	24·9	24·5	26·1	27·1	27·2	30·8	28·6	31·6	31·3	*	32·0	33·3	34·2	34·0	21
32·1	*	27·8	25·8	25·8	24·4	24·6	24·0	24·9	26·0	27·9	30·3	30·5	30·2	29·6	30·9	31·2	29·0	27·0	26·2	24·3	23·4	27·0	28·9	22
27·0	27·0	27·5	23·2	25·0	20·1	16·8	18·9	18·7	20·8	19·3	24·7	25·4	26·3	24·8	23·7	25·9	26·2	26·9	27·9	28·0	28·5	26·5	24·1	23
22·0	20·8	18·8	17·0	17·0	16·9	19·2	16·0	17·3	20·0	19·0	22·0	22·0	22·2	21·5	19·0	19·4	19·9	18·0	18·5	17·9	17·0	14·4	13·8	24
15·9	14·4	13·0	13·8	13·1	12·8	15·6	13·8	15·5	18·4	19·2	20·5	21·8	23·2	24·6	23·8	22·0	25·0	25·9	26·1	27·7	28·1	28·6	29·7	25
30·1	31·0	31·2	31·4	31·6	31·1	31·5	31·8	31·8	31·9	*	31·9	*	32·0	*	32·0	—	-*-	—	—	35·0	32·8	33·1	*	26
—	—	-*-	—	—	—	32·8	*	31·8	31·9	32·7	33·8	33·9	33·1	33·6	33·1	33·0	31·9	32·0	32·0	32·1	32·7	32·3	32·6	32·7	27
32·4	32·5	32·7	32·8	33·1	32·6	33·1	34·0	35·1	35·5	36·2	36·9	37·1	37·2	37·8	38·0	38·0	37·6	37·3	37·1	36·7	35·5	35·6	36·1	28
36·2	37·1	37·5	37·1	37·2	36·2	36·4	36·6	37·0	36·9	37·8	38·0	38·3	38·2	37·4	36·9	37·1	36·9	36·5	37·0	37·9	38·3	38·2	39·1	29
39·6	40·1	41·6	42·1	44·0	43·6	43·1	43·1	43·0	43·0	43·7	44·9	45·2	45·1	45·0	45·0	45·5	45·5	44·4	44·4	44·5	44·0	44·1	43·2	30
45·1	44·6	45·7	45·8	46·1	46·0	45·6	44·7	44·7	45·1	45·6	45·7	45·7	46·1	45·9	45·0	44·2	44·5	44·5	44·4	44·5	44·9	44·1	42·1	31

* Record defective or Instrument out of action. † Reading of Standard

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

STONYHURST OBSERVATORY LAT: 53°51′ N. LONG: 2°28′ W. HOURLY VALUES December 1878.

WIND DIRECTION IN NUMBERS {8-E 24-W / 16-S 32-N} AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V
1	18	6.5	18	7.5	20	9.5	19	4.5	20	5.5	24	12	24	10.5	26	10.5	25	10.5	23	5.5	23	7.5	32	6.5
2	2	5.5	1	7.5	1	5.5	1	4.5	1	7.5	1	4.5	1	6.5	1	6.5	1	6.5	2	3	2	3	28	10.5
3	29	4.5	30	7.5	30	5.5	31	5.5	2	6.5	2	4.5	1	4.5	2	4	2	2	28	2	1	5.5	4	9.5
4	2	2	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	2
5	24	1.5	24	3	23	3	23	1.5	23	2	23	3	24	8.5	28	4.5	29	4	29	8.5	29	3	28	9.5
6	28	6.5	29	4	25	8.5	27	11	26	8.5	27	11	27	13	27	13	26	15	27	12	25	10.5	24	13
7	30	13	7	4.5	30	5.5	4	5.5	31	4	28	8.5	30	13	10	3	16	3	21	4	29	13	28	12
8	26	9.5	28	10.5	29	12	28	10.5	22	8.5	25	6.5	28	8.5	29	3	30	7.5	30	11	30	4.5	28	11
9	27	4.5	29	4	22	4.5	25	5.5	28	4	21	2	21	2	21	2	21	2	16	2	16	1.5	16	2
10	4	2	4	1.5	4	1.5	4	1.5	4	2	4	3	4	4.5	3	3	3	4	3	4	3	4.5	2	7.5
11	1	3	1	2	1	2	1	2	1	2	1	3	1	3	1	4	1	5.5	1	4.5	1	5.5	32	5.5
12	3	2	3	1.5	3	1.5	3	2	3	1.5	3	2	3	3	3	2	3	4	3	4	3	4	11	3
13	11	3	11	5.5	4	5.5	4	5.5	4	6.5	4	6.5	4	8.5	4	6.5	4	4	4	3	4	6.5	3	7.5
14	3	4.5	3	6.5	3	6.5	3	7.5	3	9.5	3	6.5	3	5.5	3	4.5	3	4.5	3	4.5	3	4	3	2
15	2	4.5	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	32	4.5	23	5.5	22	5.5
16	22	4	22	2	22	4	22	3	22	4.5	22	4.5	22	3	22	1.5	22	1.5	22	2	22	2	22	3
17	22	2	22	1.5	22	2	22	2	22	2	22	3	22	2	22	2	22	2	22	1.5	22	1.5	22	2
18	20	11	19	17	18	19	17	19	22	13	19	10.5	22	18	22	21	23	18	20	13	21	21	20	19
19	25	12	25	8.5	23	9.5	23	14	24	11	20	6.5	26	14	25	14	25	14	26	18	25	7.5	21	4.5
20	30	1.5	30	2	30	5.5	31	4	31	4.5	31	6.5	31	5.5	32	6.5	32	6.5	32	6.5	32	7.5	32	5.5
21	32	2	32	3	32	3	32	4.5	32	3	32	4	31	4	28	5.5	28	3	28	4	26	4	26	2
22	24	21	26	19	26	13	15	6.5	19	5.5	17	3	19	3	19	3	19	4	21	4	20	5.5	23	13
23	21	4.5	22	8.5	26	6.5	23	6.5	24	4.5	25	4.5	28	4	28	4	28	5.5	28	4.5	28	2	28	4
24	20	2	20	3	20	3	20	2	20	3	20	2	20	3	20	2	20	3	20	3	20	3	20	3
25	28	6.5	28	6.5	28	5.5	29	5.5	29	6.5	29	7.5	29	6.5	29	8.5	30	8.5	31	8.5	32	7.5	1	10.5
26	4	16	6	15	7	16	8	16	6	12	2	6.5	3	5.5	2	7.5	4	5.5	4	5.5	2	7.5	2	10.5
27	1	2	1	2	1	4.5	1	4	1	4.5	1	5.5	1	4.5	1	4	1	4	1	4	1	3	1	4
28	1	2	[illegible]	1.5	1	4	27	3	27	2	27	3	27	2	27	2	27	3	27	3	27	3	15	7.5
29	10	13	12	20	14	26	16	20	19	16	20	10.5	20	7.5	20	7.5	20	5.5	21	7.5	21	6.5	20	5.5
30	14	21	10	15	14	32	17	24	18	14	20	12	21	9.5	20	8.5	19	12	20	8.5	20	6.5	19	12
31	18	16	19	13	19	18	18	22	17	22	18	20	19	15	19	13	19	16	20	21	19	20	19	22

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V
1	32	6	30	9.5	28	9.5	29	11	30	13	32	14	2	13	2	16	2	10.5	3	10.5	2	7.5	2	4
2	28	12	28	9.5	29	10.5	29	10.5	28	9.5	28	10.5	30	4.5	30	6.5	1	3	1	3	1	2	31	4
3	6	9	6	7.5	4	4.5	4	5.5	2	6.5	2	7.5	2	4	2	2	2	4.5	2	6.5	2	5.5	2	5.5
4	3	2	15	3	23	5.5	21	3	21	4	21	2	21	4	21	2	21	2	21	2	21	4	25	4
5	28	4	27	6.5	29	9.5	28	10.5	29	13	31	14	31	7.5	29	11	29	22	29	17	29	16	29	7.5
6	24	13	23	13	24	11	21	8.5	22	13	23	15	24	14	26	12	27	11	29	10.5	30	11	29	11
7	29	15	31	13	30	12	29	9.5	29	9.5	29	6.5	29	8.5	29	7.5	27	8.5	25	4	†27	5.5	28	7.5
8	30	10.5	29	9.5	31	8.5	31	7.5	29	9.5	30	3	1	5.5	29	5.5	29	8.5	28	11	28	10.5	29	7.5
9	16	2	14	3	3	3	3	2	3	2	3	3	1	2	1	1.5	1	1.5	1	2	4	1.5	4	2
10	2	4	2	6.5	2	6.5	1	4.5	1	4.5	1	3	1	4.5	1	4.5	1	4	1	4.5	1	3	1	4
11	3	2	4	2	1	4	1	4.5	2	3	3	3	3	2	3	2	3	2	3	3	3	2	3	1.5
12	17	5	18	4.5	20	4.5	20	4.5	19	6.5	19	4	19	3	19	4	19	4.5	11	5.5	11	3	11	3
13	3	6	3	8.5	3	4.5	3	5.5	3	5.5	3	4	3	3	3	4	3	3	3	3	3	5.5	3	5.5
14	4	2	4	3	4	3	4	3	4	2	4	2	4	3	4	4	4	3	4	3	4	2	4	3
15	20	4	23	9.5	22	7.5	22	5.5	22	4.5	22	4.5	22	4.5	22	2	22	2	22	2	22	4	22	4.5
16	22	1.5	22	2	22	3	22	2	22	2	22	1.5	22	1.5	22	2	22	2	22	2	22	2	22	2
17	22	2	22	4.5	22	6.5	22	4	22	4.5	22	4	22	6.5	22	6.5	22	4	22	3	22	6.5	22	7.5
18	21	25	19	22	19	22	20	25	22	17	21	19	24	20	24	22	24	24	24	22	26	17	26	17
19	19	4	17	4.5	25	10.5	27	10.5	20	4	22	3	22	2	22	2	18	1.5	21	3	30	1.5	30	1.5
20	32	6.5	32	6.5	32	5.5	32	4.5	32	4.5	32	4.5	32	3	32	4.5	32	3	32	4	32	3	32	3
21	24	6.5	23	6.5	22	7.5	20	6.5	20	9.5	23	11	21	8.5	22	20	18	13	21	17	22	25	24	21
22	24	8.5	22	4.5	21	12	24	16	24	15	26	9.5	29	3	29	2	24	4.5	24	5.5	23	10.5	24	6.5
23	27	3	22	3	22	2	28	5.5	28	6.5	28	13	28	9.5	1	13	30	12	3	6.5	18	5.5	20	4.5
24	20	4.5	20	4.5	20	5.5	28	4.5	28	4.5	28	3	28	4	28	2	28	4.5	28	4.5	28	5.5	28	7.5
25	2	12	1	12	1	8.5	2	10.5	1	9.5	5	9.5	6	12	6	15	6	16	6	17	6	17	5	18
26	1	7.5	3	6.5	2	6.5	1	6.5	1	5.5	1	4.5	1	2	1	3	1	2	1	2	1	2	1	3
27	1	1.5	1	2	1	2	1	4	1	2	1	4	1	4	1	3	1	3	1	4	1	4	1	2
28	17	4	20	4.5	15	6.5	13	8.5	10	4.5	10	4	11	10.5	12	18	9	16	8	11	7	11	~~8~~	11
29	20	4	20	3	16	6.5	14	4.5	13	4	11	6.5	13	6.5	11	4.5	7	7.5	12	10.5	12	12	12	18
30	18	11	18	11	16	11	17	14	17	18	18	13	19	13	19	9.5	18	8.5	16	13	16	13	17	16
31	19	20	19	26	19	28	19	30	19	31	20	31	19	30	20	30	20	32	19	39	21	28	22	33

RAINFALL. GAUGE {HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	·090	·060	·001			·001				·002		·114	·007											
2	·003	·002				·002	·001	·001																
3																								
4																								
5							·005																	
6																·030	·070	·045	·022	·020	·001			
7																								
8																								
9																								
10																								
11																								
12	Melted Snow at 10 a.m. = ·028																							
13																								
14																								
15	Melted Snow at 10 a.m. = ·010																							
16	do. do. = ·072																							
17																								
18	Melted Snow at 10 a.m. = ·170																							
19	Total for 24 hours ending at 10 a.m. = ·090																							
20																								
21																								·180
22	·010	·005	Snow = ·030																					
23	Melted Snow at 10 a.m. = ·055																							
24																								
25																								
26	Melted Snow at 10 a.m. = ·100																							
27																								
28					·015	·005	·005	·005	·003					·020						·005	·010	·040	·035	·030
29	·040	·030	·010	·002	·001																			
30	·050	·095	·055	·020	·040	·010												·040					·020	·022
31	·020	·012	·010		·016	·040															·010	·009	·040	·001

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·211	·226	·223	·233	·225	·224	·219	·217	·217	·226	·240	·199	·201	·199	·200	·197	·204	·209	·210	·204	·208	·212	·204	·195
2	·194	·200	·203	·182	·180	·184	·183	·174	·172	·173	·177	·166	·172	·177	·183	·187	·172	·173	·175	·170	·164	·156	·154	·153
3	61	·159	·158	·165	·180	·180	·181	·182	·179	·182	·189	·191	·197	·196	·188	·186	·173	·158	·150	·152	·147	·150	·143	·132
4	*	·126	·136	·140	·130	·130	·136	·142	·140	·141	·153	·160	·175	·178	·175	·158	·155	·141	·150	·155	*	·157	*	*
5	83	·193	·193	·210	·209	·201	·226	·211	·214	·207	·213	·202	·200	·193	·187	·178	·176	·157	·147	·128	·116	·107	·106	·105
6	09	·108	·128	·142			*			†·125	·128	·141	·165	·175	·193	·196	·208	·232	·230	·226	·212	·205	·191	·186
7	73	·172	·163	·159	·156	·154	·151	·146	·146	·146	·140	·139	·146	·143	·148	·145	·137	·136	·134	·129	*	·118	·120	·110
8	23	·129	·106	·107	·102	·126	·126	·115	*	*	·112	·119	·129	·143	·146	·147	·151	·155	·151	·151	*	·123	·122	·121
9	14	·106	·106	·099	·109	·104	·107	·110	·104	·096	·114	·122	·137	·138	·136	·129	·116	·116	·107	·112	·104	*	·113	·112
10	17	·107	·107	·107	·110	·109	·103	·104	·109	·113	·131	·138	·137	·141	·137	·129	·126	·120	·110	·111	·109	·103	·102	·102
11	94	·097	·092	·095	·097	·106	·100	·100	·103	·130	·140	·152	·158	·157	·157	·142	·128	·125	·122	·118	·092	·096	·101	·113
12	01	·087	·083	·111	·100	·121	·119	·125	·109	·135	·132	·135	·139	·137	·130	·128	·120	·109	·104	·103	·103	·094	·101	·106
13	89	·082	·076	·076	·074	·073	·060	·068	*	·079	·081	·084	·094	·104	·093	·103	·103	·112	·117	·117	·121	·113	·098	·105
14	91	·105	·098	·085	·097	·099	·087	·083	·075	·078	·081	·084	·083	·083	·081	·075	·078	·083	·098	·106	·086	·091	·111	·112
15	33	·137	·117	·117	·119	·136	·140	·151	·165	·177	*	·186	·184	·179	·181	·174	·169	·175			*	*		
16	*	*	·172	·171	·165	·168	·158	·156	·156	·156	·145	·138	·136	·133	·119	·117	·114	·116	·108	·108	·108	·097	·095	·095
17	99	·091	·105	·095	·088	·088	·083	·079	·079	·086	·072	·108	·114	·103	·134	·150	·139	·151	·160	·148	·160	·144	·158	·172
18		*	*		·178	·180	·160	·153	·152	·181	·160	·161	·157	·157	·174	·178	·182	·166	·158	·156	*	·143	·123	·116
19	25	·131	·126	·146	·161	·164	·174	·180	·155	·150	·151	†·151	*	·142	·140	·146	·137	·145	·138	·137	·140	*	·115	·126
20	17	·119	·106	·097	·103	·105	·091	·085	·087	·081	·071	·081	·076	·080	·079	·073	·080	·083	·091	·074	·087	·065	·069	·078
21	69	·080	·069	·092	·075	·079	·109	·091	·071	·074	·112	·096	·103	·107	·109	·169	·146	·171	·165	*	·169	·181	·183	·184
22	58	*	·102	·093	·093	·093	·097	·100	·110	·109	·124	·153	·148	·152	·145	·168	·161	·128	·139	·124	·102	·096	·127	·142
23	47	·135	·120	·124	·096	·082	·087	·099	·092	·084	·086	·083	·089	·101	·085	·071	·086	·094	·109	·121	·116	·128	·121	·102
24	88	·106	·095	·072	·088	·091	·091	·085	·077	·093	·088	·097	·091	·088	·064	·064	·059	·073	·070	·083	·084	·078	·065	·071
25	64	·063	·055	·073	·071	·070	·076	·060	·056	·061	·058	·071	·067	·076	·087	·077	·072	·089	·112	·117	·125	·133	·146	·156
26	53	·157	·160	·159	·164	·160	·164	·169	·174	·174	*	†·167	*	†·167	*	†·166		*		†·203	†·177	†·182	*	*
27			*			†·188	*	†·155	·157	†·163	†·174	·178	·165	·174	·167	·166	·165	·165	·163	·159	·168	·164	·167	·172
28	74	·177	·180	·182	·182	·179	·179	·188	·196	·201	·204	·204	·206	·210	·220	·218	·219	·215	·205	·191	·199	·191	·193	·202
29	03	·207	·214	·210	·210	·205	·208	·212	·218	·207	·214	·210	·213	·211	·207	·208	·209	·210	·205	·208	·215	·215	·220	·229
30	35	·239	·255	·259	·287	·279	·275	·271	·265	·265	·267	·275	·274	·276	·276	·283	·287	·293	·274	·269	·277	·272	·276	·270
31	85	·284	·290	·281	·287	·298	·293	·281	·280	·278	·281	·290	·291	·283	·280	·274	·265	·263	·265	·263	·275	·277	·277	·246

*Record defective or Instrument out of action. †Obtained from reading of Standard. * Approximate.

Meteorological Office.
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT. 51° 28′ N LONG. 0° 19′ W — HOURLY VALUES December 1878.

BAROMETER. CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON.	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	29·900	29·889	29·876	29·860	29·839	29·826	29·807	29·790	29·766	29·742	29·709	29·682	29·648	29·620	29·601	29·586	29·593	29·612	29·630	29·670	29·687	29·714	29·738	29·758
2	29·784	29·813	29·824	29·860	29·889	29·920	29·938	29·962	29·971	29·990	29·996	29·987	29·986	29·990	30·001	30·000	29·999	30·003	30·003	29·999	29·999	30·005	30·015	30·012
3	30·011	30·015	30·017	30·017	30·023	30·024	30·037	30·064	30·080	30·101	30·110	30·112	30·116	30·118	·130	·142	30·162	·166	·178	30·187	30·202	·202	·212	·213
4	·214	·220	·225	·222	·218	·221	·221	·222	·228	·226	·219	·206	·199	30·191	30·191	30·191	30·191	·188	·187	·183	·178	·169	·165	·163
5	·155	·146	·127	·115	·101	·091	·081	·081	·073	·066	·053	·028	30·008	29·990	29·984	29·986	29·994	30·003	30·010	30·023	30·027	30·028	30·038	30·049
6	30·058	30·059	30·056	30·053	30·052	30·050	30·046	30·053	30·060	30·060	30·041	30·020	29·997	·978	·969	·957	·945	29·929	29·906	29·879	29·853	29·805	29·771	29·743
7	29·712	29·687	29·671	29·649	29·633	29·628	29·630	29·635	29·635	29·641	29·630	29·624	·612	·602	·602	·599	·588	·586	·582	·575	·568	·557	·550	·539
8	·526	·520	·502	·494	·478	·466	·463	·470	·465	·467	·453	·441	·436	·446	·463	·465	·479	·487	·508	·521	·533	·538	·547	·559
9	·566	·581	·583	·582	·583	·585	·596	·599	·615	·622	·623	·618	·619	·613	·615	·623	·633	·649	·660	·683	·695	·706	·710	·717
10	·729	·743	·757	·760	·763	·767	·779	·783	·803	·820	·822	·820	·816	·818	·822	·829	·837	·843	·850	·856	·860	·854	·854	·850
11	·842	·840	·845	·844	·845	·847	·848	·854	·858	·858	·844	·837	·819	·812	·809	·808	·808	·809	·817	·825	·825	·826	·838	·832
12	·824	·822	·820	·812	·814	·812	·811	·811	·810	·804	·792	·764	·753	·733	·724	·710	·697	·689	·676	·670	·667	·654	·644	·633
13	·610	·603	·599	·598	·601	·604	·614	·628	·640	·646	·659	·661	·653	·655	·654	·663	·662	·659	·663	·674	·674	·672	·669	·665
14	·649	·647	·621	·613	·593	·581	·573	·581	·585	·587	·580	·569	·551	·542	·551	·568	·570	·583	·595	·607	·625	·641	·647	·655
15	·652	·663	·665	·664	·664	·665	·672	·677	·683	·685	·684	·677	·667	·651	·640	·639	·623	·618	·611	·603	·603	·591	·577	·555
16	·537	·522	·513	·503	·491	·480	·475	·479	·478	·477	·476	·453	·431	·417	·417	·419	·419	·423	·433	·431	·434	·433	·429	·423
17	·419	·423	·421	·421	·427	·425	·426	·439	·451	·447	·446	·436	·436	·440	·450	·459	·471	·475	·483	·490	·493	·505	·499	·495
18	·482	·478	·464	·437	·414	·391	·368	·351	·332	·326	·320	·287	·279	·257	·253	·242	·237	·223	·211	·202	·197	·189	·181	·177
19	·160	·154	·145	·133	·124	·121	·125	·141	·162	·182	·187	·199	·208	·225	·243	·269	·283	·307	·331	·359	·372	·399	·415	·420
20	·423	·430	·436	·439	·447	·450	·455	·468	·473	·485	·481	·475	·473	·479	·495	·511	·527	·547	·567	·591	·603	·629	·645	·652
21	·661	·678	·690	·693	·695	·707	·720	·747	·769	·785	·786	·778	·776	·785	·796	·807	·810	·816	·827	·832	·829	·828	·814	·804
22	·800	·782	·775	·758	·744	·737	·740	·752	·761	·764	·755	·739	·720	·717	·725	·735	·739	·753	·774	·783	·789	29·796	29·803	29·795
23	29·800	29·811	29·810	29·810	29·803	29·813	29·822	29·835	29·843	29·853	29·853	29·848	29·848	29·845	29·865	29·900	29·925	29·936	29·961	29·978	29·999	30·041	30·059	30·079
24	30·103	30·142	30·168	30·181	30·182	30·213	30·253	30·295	30·316	30·322	30·316	30·320	30·321	30·323	30·342	30·338	30·344	30·343	30·342	30·345	30·342	30·334	30·315	30·302
25	30·277	30·259	30·244	30·212	30·179	30·163	30·148	30·118	30·091	30·068	30·033	29·956	29·911	29·895	29·845	29·784	29·752	29·731	29·718	29·685	29·655	29·623	29·595	29·553
26	29·528	29·516	29·497	29·478	29·452	29·437	29·432	29·428	29·422	29·409	29·397	·359	·364	·375	·388	·398	·400	·406	·408	·422	·422	·421	·414	·404
27	·395	·388	·381	·378	·368	·367	·375	·379	·381	·382	·384	·381	·387	·422	·444	·452	·460	·451	·452	·438	·418	·366	·328	·346
28	·387	·452	·488	·512	·528	·546	·554	·582	·604	·620	·628	·617	·603	·595	·577	·557	·537	·516	·500	·481	·450	·418	·380	·339
29	·315	·297	·288	·279	·273	·284	·319	·386	·436	·469	·463	·473	·477	·483	·493	·492	·483	·479	·476	·489	·486	·477	·467	·453
30	·439	·391	·391	·371	·357	·359	·368	·396	·435	·470	·488	·473	·489	·470	·482	·474	·479	·470	·481	·504	·497	·500	·491	·485
31	29·480	29·474	29·483	29·473	29·480	29·475	29·477	29·500	29·517	29·529	29·528	29·535	29·530	29·515	29·494	29·477	29·469	29·483	29·485	29·518	29·539	29·559	29·572	29·584

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

	DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	Σ
	1	34·1	33·9	34·0	34·1	34·0	34·0	34·5	34·8	36·0	36·6	37·1	38·3	39·0	39·9	40·5	39·5	39·6	40·0	39·0	38·0	37·5	37·6	37·4	38·0	
	2	38·3	38·6	38·7	38·5	37·4	35·0	35·0	36·0	36·6	37·0	39·9	40·0	40·0	39·1	38·6	38·2	37·2	37·2	37·6	37·1	38·0	38·5	37·7	36·7	
	3	36·0	35·1	35·1	35·3	35·0	35·0	35·2	35·8	36·0	36·1	37·0	37·1	38·1	38·8	38·7	38·1	38·3	38·3	38·6	38·5	38·0	38·0	38·0	37·7	
	4	37·2	36·9	37·0	37·0	37·1	36·6	35·0	35·8	35·7	37·1	39·2	41·0	41·3	41·0	40·7	40·0	38·1	38·1	37·8	37·9	37·8	37·6	36·9	37·5	
	5	37·1	36·0	34·0	33·8	34·4	35·0	35·3	35·9	36·4	37·0	38·0	39·4	42·4	43·6	43·0	41·8	40·1	39·0	38·8	39·1	38·8	37·9	36·3	35·5	
	6	33·7	32·8	32·1	31·8	31·0	30·4	30·1	30·1	31·0	32·2	34·3	35·1	36·0	35·7	35·6	34·3	34·1	34·0	34·7	35·0	34·8	33·8	34·0	34·8	
	7	35·8	36·0	36·1	36·0	36·6	35·9	36·0	36·1	36·1	36·2	36·2	36·5	36·0	36·0	36·3	36·0	35·8	35·8	35·4	34·5	34·9	34·2	34·1	34·0	
	8	34·2	34·1	34·0	33·9	33·0	33·0	32·0	32·2	32·5	32·9	33·1	33·6	34·0	33·4	33·3	33·0	33·0	32·8	32·7	32·8	32·8	32·9	32·6	32·5	
30·7	9	32·6	32·2	32·1	32·0	31·7	†31·7	*	31·5	30·1	30·1	32·0	33·2	34·1	34·0	33·3	32·0	29·2	29·0	28·0	28·4	28·0	27·0	27·1	25·5	736·4
27·7	10	27·1	27·6	27·9	28·7	28·7	28·0	28·0	28·0	28·0	27·9	27·4	27·0	26·1	27·0	27·0	27·5	28·0	28·0	27·9	27·6	27·0	27·2	27·8	28·7	664·1
30·6	11	29·8	29·9	29·1	29·0	29·1	29·0	29·0	29·0	29·0	30·1	31·1	31·2	32·7	32·8	33·0	33·6	33·3	32·3	31·3	31·0	30·4	30·0	29·4	30·0	734·6
28·1	12	29·5	29·0	28·0	28·0	28·2	28·3	28·1	28·0	28·0	27·8	28·8	28·3	28·1	28·7	28·6	28·7	28·3	28·0	28·0	27·2	27·2	27·8	27·6	27·5	675·7
26·6	13	27·9	27·9	28·3	27·9	27·6	26·0	25·8	25·1	25·9	26·9	28·0	29·0	29·6	29·9	28·8	27·5	26·9	27·0	26·2	24·6	23·0	22·6	23·0	23·0	638·4
26·5	14	23·0	22·9	24·1	24·4	24·1	23·7	25·2	24·7	25·0	25·8	27·8	28·9	30·0	30·9	30·0	29·0	29·1	29·3	28·8	27·9	27·0	26·0	24·0	23·5	635·1
30·6	15	24·6	26·9	27·7	27·7	27·9	27·5	27·2	27·1	28·9	30·0	31·1	32·5	33·1	33·5	35·0	34·9	34·6	33·6	33·0	32·2	31·9	30·8	31·2	31·1	734·0
31·2	16	29·5	29·9	30·0	30·0	30·4	30·5	30·9	31·3	31·9	32·1	32·5	32·9	33·0	33·4	33·4	33·0	33·1	32·5	31·9	30·5	29·7	30·0	29·3	28·8	750·5
27·8	17	28·5	28·2	27·7	26·9	26·3	25·2	25·4	26·0	26·0	27·1	28·0	29·9	31·1	32·0	31·8	30·5	29·0	28·0	28·0	26·9	26·7	26·0	26·0	26·4	667·6
34·0	18	27·0	27·9	29·0	28·9	30·7	31·2	32·1	33·0	36·0	37·5	37·9	38·8	38·5	38·6	38·0	36·8	36·4	36·0	35·4	34·5	34·0	33·6	33·0	31·2	815·5
34·4	19	31·1	32·0	31·8	31·9	31·8	31·4	32·0	33·1	34·2	35·3	36·5	37·3	38·0	37·9	38·4	38·5	36·3	35·9	36·0	34·0	33·9	32·8	32·2	32·7	825·0
30·1	20	31·3	29·9	30·2	28·8	27·9	29·1	30·0	29·8	31·7	31·6	31·7	31·2	31·7	31·8	30·6	30·3	30·1	29·6	29·5	29·5	29·1	29·0	28·7	28·5	721·6
30·0	21	29·0	29·3	29·3	30·1	30·5	30·4	30·0	28·7	28·3	29·5	30·6	31·0	32·1	32·2	32·9	32·4	31·5	30·4	30·0	29·0	28·7	28·0	28·0	28·1	720·0
30·3	22	29·1	29·2	30·7	32·6	32·1	33·0	33·0	33·2	32·9	33·0	32·9	32·9	32·7	32·3	32·3	31·8	30·0	29·0	27·7	27·4	26·0	24·7	24·0	23·4	725·9
23·5	23	22·9	22·9	22·8	22·1	21·0	19·5	18·9	16·9	19·5	22·5	25·9	28·0	30·1	30·1	29·1	28·5	27·1	25·2	23·0	22·3	21·5	21·5	21·9	21·0	564·2
22·0	24	20·1	18·8	19·9	21·5	23·6	24·7	25·2	24·7	23·9	23·8	25·7	26·6	28·5	29·5	28·9	25·9	22·0	19·0	16·3	16·0	15·2	15·3	15·1	15·9	526·1
27·7	25	16·9	18·5	18·0	19·4	20·1	21·5	24·0	25·5	28·6	29·7	30·0	30·8	31·5	30·7	30·6	31·0	31·0	31·9	32·1	32·6	32·7	32·8	32·3	32·2	664·4
	26	32·8	33·0	33·0	33·0	33·0	33·8	37·5	37·0	39·8	41·0	42·5	43·9	44·7	45·0	45·7	45·4	44·0	44·0	44·2	44·0	44·0	44·0	44·0	44·2	
	27	44·0	43·5	43·7	43·0	42·8	42·9	42·0	42·1	42·2	43·0	44·2	44·7	43·0	39·0	37·9	37·0	36·2	36·3	36·2	36·5	37·0	37·9	39·3	39·4	
	28	42·0	41·7	41·0	39·0	38·4	37·9	38·0	39·0	40·0	42·3	44·5	45·4	46·0	46·0	44·6	43·5	43·0	43·0	42·0	41·0	41·9	43·0	43·6	44·3	
	29	45·0	45·0	45·0	45·0	44·6	44·3	44·0	41·0	38·6	39·2	41·0	42·9	46·0	46·6	45·8	44·4	45·0	45·3	46·0	46·0	45·7	46·0	46·6	46·2	
	30	46·9	46·7	47·2	48·0	48·9	50·5	51·6	51·9	52·1	52·0	53·1	53·2	52·6	52·0	52·0	51·0	51·0	51·0	50·9	51·0	51·5	50·6	50·6	50·8	
	31	50·7	50·2	50·9	50·9	51·0	51·0	51·2	51·3	51·6	52·2	52·9	53·0	52·8	52·0	50·9	49·6	50·1	50·0	51·0	50·5	50·0	49·7	50·1	50·2	

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	33·9	33·5	33·6	33·9	33·9	33·8	34·0	34·2	35·2	36·3	37·0	38·0	38·7	39·5	40·0	39·0	39·2	39·4	38·6	37·1	37·0	37·0	36·8	37·0
2	37·1	37·1	37·0	37·0	35·2	33·6	34·0	34·9	35·2	36·0	38·0	38·0	38·2	37·6	37·0	37·0	36·0	36·0	36·0	35·5	36·0	36·7	36·0	35·3
3	35·0	34·2	34·3	34·4	34·0	34·2	34·7	35·0	35·0	35·2	36·0	36·0	36·0	36·5	36·0	36·1	36·1	36·1	36·1	36·0	35·9	35·9	36·0	35·9
4	35·9	35·4	35·9	35·8	35·8	34·9	33·7	34·0	34·0	35·3	37·0	38·0	38·2	38·1	38·0	37·0	36·0	36·0	35·4	35·0	34·9	34·8	34·2	35·0
5	35·4	34·9	33·7	33·3	33·8	34·0	34·5	34·9	35·2	35·8	36·9	38·4	40·1	40·2	40·0	39·4	39·0	37·7	37·1	37·5	36·5	35·7	33·8	33·0
6	31·8	30·9	30·0	29·7	29·0	28·1	28·0	27·9	28·2	29·2	30·9	31·2	31·9	31·8	31·9	31·5	31·8	31·9	32·2	32·9	33·0	33·1	33·4	34·1
7	35·1	35·8	36·0	35·9	36·0	35·2	35·3	35·3	35·4	35·0	35·0	34·9	34·5	34·9	34·9	34·8	34·0	34·0	33·5	32·9	33·0	33·0	33·0	33·0
8	32·9	32·9	32·3	32·0	31·7	31·0	30·2	30·6	30·7	*	*	31·4	31·5	31·4	31·8	31·0	30·9	30·8	31·0	31·0	31·0	†31·3	31·0	30·7
9	30·8	30·5	30·3	30·2	30·1	30·2	30·8	30·2	*	28·9	30·0	31·0	*	†31·1	*	30·5	28·6	29·0	28·0	28·0	27·9	27·0	27·0	25·4
10	27·0	27·5	27·9	28·2	28·0	27·9	28·0	27·8	*	27·7	*	27·0	26·1	27·0	26·9	27·1	27·9	27·9	27·8	27·6	26·9	27·1	27·7	28·6
11	29·1	29·1	28·9	28·9	29·0	28·9	28·5	28·5	28·6	29·4	30·4	30·5	31·1	31·5	*	†31·8	*	*	30·4	30·0	29·5	29·2	29·1	29·8
12	29·5	29·0	28·0	28·0	28·1	28·1	28·0	28·0	28·0	27·7	28·5	28·2	28·0	28·2	28·2	28·2	28·1	28·0	28·0	27·2	27·2	27·8	27·5	27·5
13	27·6	27·6	28·1	27·7	27·5	26·0	25·5	25·0	25·5	26·2	27·0	28·0	28·4	28·8	27·8	26·7	26·0	26·0	25·7	24·1	23·0	22·3	23·0	23·0
14	23·0	22·9	23·9	24·0	23·9	23·1	25·0	24·0	24·5	25·0	26·8	27·9	29·0	29·8	28·8	28·1	28·5	28·2	27·7	27·0	26·4	25·2	23·1	22·9
15	24·0	26·0	27·0	26·9	26·8	26·4	26·4	26·4	28·0	28·9	30·0	31·0	...	*	...	†33·5	33·9	33·0	32·2	32·0	31·6	30·6	*	*
16	*	29·9	30·0	29·9	30·2	30·5	30·8	31·1	31·7	31·9	32·0	32·0	32·9	33·1	33·0	33·0	32·9	32·0	*	*	29·2	29·6	28·9	28·4
17	28·0	27·9	27·2	26·7	26·0	25·2	25·1	25·6	25·4	26·4	27·3	28·9	30·0	31·0	30·9	30·0	28·8	27·6	27·8	26·9	26·2	25·9	25·4	26·0
18	26·3	27·4	28·3	28·0	29·5	30·4	31·2	31·9	*	36·0	36·5	37·1	37·0	37·0	36·5	35·2	35·0	34·8	34·3	33·3	32·8	32·4	31·8	30·1
19	*	30·7	30·4	30·5	30·6	30·5	30·9	32·0	*	32·8	34·2	35·0	35·4	35·4	36·0	35·9	34·3	33·9	33·9	32·9	32·4	31·7	31·2	31·4
20	30·7	*	30·0	28·5	27·5	28·8	29·4	29·4	31·0	31·0	31·0	30·9	31·0	31·0	30·2	30·0	30·0	29·2	29·2	29·3	29·0	29·0	28·5	28·5
21	28·6	29·0	29·1	29·9	30·0	29·5	29·3	28·0	27·9	28·7	29·4	29·9	30·9	30·9	31·0	31·0	30·5	30·0	29·0	28·3	28·0	27·5	27·4	27·6
22	28·2	28·4	29·3	31·0	31·0	31·3	31·8	...	...	...	...	*	*	...	...	...	...	28·7	27·2	27·0	26·0	24·5	23·8	23·3
23	22·5	22·5	22·5	22·1	21·0	19·5	18·5	16·9	19·0	22·1	25·4	27·3	29·0	29·0	28·6	28·0	26·9	25·1	23·0	22·0	21·5	21·5	21·5	21·0
24	20·0	17·8	19·8	21·5	23·1	24·2	25·0	24·6	23·8	23·4	24·9	25·9	27·0	28·0	28·0	25·6	22·0	19·0	16·3	16·0	15·2	15·2	15·0	15·8
25	16·6	18·0	17·8	19·1	19·9	21·3	23·6	25·2	28·3	29·6	29·6	29·9	30·2	30·1	30·2	30·0	29·8	30·3	31·1	31·1	31·3	31·2	31·0	31·0
26	31·9	32·0	32·1	32·4	33·0	33·4	37·0	37·0	39·4	40·9	41·9	43·0	44·0	44·4	45·0	44·5	43·3	43·5	43·7	43·6	43·6	43·5	43·8	44·0
27	44·0	43·1	43·3	42·8	42·5	42·6	42·0	42·0	42·1	42·6	43·8	44·1	42·1	38·0	36·7	36·4	35·8	35·9	35·8	36·0	36·9	37·6	39·0	39·2
28	41·0	40·5	40·0	38·1	37·6	37·3	37·6	38·0	39·1	41·8	43·3	44·1	44·3	44·4	43·0	42·1	41·6	41·7	40·6	39·8	40·3	41·7	42·2	43·1
29	44·0	44·1	44·4	44·5	44·1	44·1	43·6	40·1	38·0	38·8	40·1	41·5	43·6	44·5	44·0	44·0	44·4	44·4	45·2	45·3	45·0	45·1	45·3	45·0
30	45·4	45·9	46·3	47·0	48·0	49·6	50·5	51·0	51·0	50·8	51·0	51·0	50·0	50·0	49·9	48·7	49·7	50·0	49·1	49·1	49·5	49·0	49·0	49·1
31	48·9	48·5	48·8	48·8	48·9	48·8	48·8	48·9	49·0	49·0	49·0	49·4	49·1	49·0	49·0	46·8	47·4	47·2	47·9	47·2	47·6	47·9	47·1	47·1

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate.

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

KEW OBSERVATORY LAT 51°28′ N. LONG: 0°19′ W.

HOURLY VALUES December 1878.

WIND

DIRECTION IN NUMBERS (8-E 24-W 16-S 32-N)

AND VELOCITY IN MILES PER HOUR

DAYS	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	NOON D	NOON V	1 D	1 V	2 D	2 V	3 D	3 V	4 D	4 V	5 D	5 V	6 D	6 V	7 D	7 V	8 D	8 V	9 D	9 V	10 D	10 V	11 D	11 V	MIDT. D	MIDT. V	DAYS
1	31	2	31	2	31	2	31	2	31	4	31	3	31	3	31	45	31	55	31	45	26	55	20	75	20	45	20	45	20	3	20	45	20	4	20	65	3	12	3	11	2	12	2	12	2	12	1	16	1
2	2	14	2	14	3	14	3	11	2	95	1	75	1	55	1	65	1	45	1	65	32	85	32	75	32	105	32	85	32	45	32	65	30	85	30	105	30	85	30	75	30	11	32	14	1	14	32	105	2
3	32	105	32	75	32	95	32	105	32	95	32	95	3	55	3	85	3	85	3	65	3	11	3	85	3	105	3	11	4	11	3	12	3	11	2	13	3	13	3	13	3	11	2	95	2	11	32	12	3
4	1	95	1	105	1	105	32	11	32	13	32	95	32	105	32	65	32	75	30	95	30	95	32	11	32	15	32	15	30	105	30	85	30	75	30	65	30	11	31	13	31	105	31	11	31	95	32	85	4
5	28	4	28	45	28	3	28	45	26	45	25	45	24	55	24	55	24	45	24	55	23	55	23	65	28	55	27	105	28	105	29	12	32	14	30	12	28	105	30	16	30	13	32	17	32	17	32	19	5
6	30	15	30	12	29	11	28	12	27	13	28	12	28	13	28	85	26	95	27	105	28	11	27	12	27	14	27	11	25	105	25	105	25	95	24	85	23	95	23	75	21	75	19	12	21	95	23	65	6
7	23	85	23	45	23	4	23	4	23	3	26	4	26	3	32	55	32	65	32	11	32	11	32	95	2	105	2	65	30	65	32	105	30	85	30	55	28	75	28	85	28	85	28	105	28	11	29	11	7
8	30	14	30	95	30	12	29	105	28	95	28	95	28	55	28	65	29	75	32	105	30	95	31	105	32	13	32	75	31	105	32	105	32	11	32	105	32	95	32	95	32	11	32	12	30	11	8
9	31	95	30	75	32	75	30	4	28	65	29	45	24	65	25	95	26	55	26	75	26	45	27	75	27	85	30	55	30	4	30	4	30	2	30	3	30	4	30	3	30	2	30	15	30	2	30	2	9
10	30	4	32	55	2	45	4	55	1	45	1	4	1	3	1	4	1	3	1	4	2	45	2	45	2	55	2	4	2	55	3	55	3	4	3	45	3	3	3	65	5	55	2	45	29	3	29	2	10
11	32	85	4	105	3	85	1	65	1	55	1	55	3	4	3	4	28	45	28	45	28	75	28	75	28	75	28	85	29	75	31	65	1	105	1	95	1	75	1	4	1	45	1	4	1	55	1	55	11
12	1	45	29	65	27	65	30	55	30	55	26	45	26	45	26	3	21	4	21	3	22	65	22	4	22	4	22	4	22	4	17	45	17	45	17	3	10	65	10	55	8	95	8	85	8	85	8	85	12
13	8	55	8	95	8	65	8	65	8	85	8	75	8	105	8	4	8	65	8	75	8	65	9	65	9	85	9	65	9	75	9	45	9	45	9	65	9	4	9	2	9	4	9	45	9	45	9	55	13
14	9	55	9	55	6	85	6	4	6	75	6	85	6	55	6	55	2	2	2	75	4	95	4	105	3	14	2	13	2	13	2	14	32	14	32	105	31	4	31	3	31	45	27	65	27	75	27	55	14
15	25	55	25	55	23	55	24	85	24	85	23	85	23	55	20	75	20	65	20	85	21	85	20	95	20	85	20	55	21	105	21	105	22	95	22	55	22	65	22	55	22	45	22	55	20	75	20	55	15
16	20	3	20	15	20	3	20	2	20	15	20	2	20	2	20	15	20	3	20	2	19	3	19	3	19	3	19	3	19	4	18	45	18	65	18	65	3	95	3	65	2	95	3	75	32	65	32	85	16
17	32	45	32	45	32	4	28	45	26	45	26	2	26	3	26	4	26	45	26	55	26	4	26	85	29	55	29	55	29	55	23	45	18	55	22	55	22	55	22	45	22	65	19	95	19	75	19	95	17
18	19	75	19	105	19	65	19	105	19	105	18	12	17	13	19	17	18	20	20	15	22	13	22	14	22	105	22	11	22	105	22	12	22	105	22	105	22	12	22	105	22	65	22	105	22	75	18	55	18
19	18	95	19	12	21	12	22	12	22	13	22	12	22	16	22	13	22	12	23	14	22	13	23	16	23	13	24	15	24	13	24	11	23	105	23	12	23	105	23	95	23	95	23	85	22	85	23	65	19
20	23	45	23	55	17	45	17	3	17	2	17	2	17	2	17	3	8	65	8	4	8	3	8	4	8	3	8	55	30	75	30	55	30	45	31	45	31	45	31	3	31	4	31	3	31	45	31	55	20
21	28	4	28	45	28	4	28	45	28	3	26	75	26	75	26	105	27	75	24	55	24	75	22	85	23	95	24	75	23	65	23	75	23	55	23	55	21	75	21	65	20	95	20	95	20	95	20	105	21
22	20	13	20	12	21	105	21	13	20	14	21	15	21	13	21	85	25	45	25	45	25	4	32	3	32	3	32	3	32	2	32	45	32	4	32	3	32	45	23	55	23	45	20	45	21	55	21	45	22
23	20	4	20	3	20	4	20	3	20	4	20	3	20	2	20	2	20	3	20	45	20	4	21	55	21	65	21	55	21	4	21	3	21	4	21	45	21	4	21	3	21	45	22	65	24	4	24	45	23
24	19	45	19	3	19	4	19	45	19	45	19	45	19	45	19	3	19	3	19	4	19	65	19	3	19	2	19	3	19	2	19	3	19	2	19	2	19	15	19	15	19	2	19	2	24
25	19	3	19	2	19	45	9	55	9	75	9	55	9	4	9	4	9	95	9	105	9	12	7	18	7	18	8	14	7	19	6	23	7	25	7	24	7	15	7	15	7	19	7	13	7	13	7	75	25
26	7	105	7	75	7	75	7	65	7	4	7	4	12	45	12	55	14	95	16	14	14	15	16	24	19	19	18	18	18	17	18	13	18	11	18	14	18	13	18	85	18	85	18	65	18	95	18	85	26
27	18	65	18	56	17	55	17	4	17	3	17	45	17	55	17	65	17	55	17	75	17	85	20	85	24	12	23	2	24	105	23	95	22	45	22	3	22	2	22	3	22	55	22	85	22	55	22	95	27
28	22	19	24	17	23	85	22	85	20	95	20	75	20	95	20	75	20	105	20	95	19	11	17	105	17	95	16	95	15	105	11	75	14	14	12	16	15	17	13	14	14	13	13	13	12	17	12	15	28
29	13	14	14	15	15	105	15	65	16	45	16	55	23	95	22	105	22	65	20	95	19	65	18	85	18	85	14	75	13	85	11	12	12	105	14	12	15	14	17	16	16	16	17	17	17	18	16	20	29
30	17	21	16	21	17	29	17	27	18	23	19	21	20	25	19	24	20	22	20	22	19	18	19	22	19	21	20	20	19	22	18	22	19	20	19	21	19	20	20	17	19	23	19	20	19	18	20	23	30
31	19	21	20	23	20	21	19	22	19	23	19	27	19	26	20	28	20	28	20	28	20	33	20	30	20	30	20	30	19	31	20	23	20	28	20	32	21	30	22	22	21	25	21	27	21	27	21	27	31

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1										030								015							1
2										005															2
3																									3
4																									4
5																							Melted Snow		5
6																							100		6
7																									7
8										005															8
9																									9
10																									10
11																									11
12	Melted Snow at 10 a.m. = 010																								12
13																									13
14																									14
15																									15
16	Melted Snow at 10 a.m. = 010											005		005	010	005									16
17																									17
18										010															18
19																									19
20													Sleet = 010												20
21																									21
22	Melted Snow at 10 a.m. = 025																								22
23	do. do. = 200																								23
24																									24
25																									25
26	Melted Snow at 10 a.m. = 195											045	015	005	005				005					005	26
27														005						045	050	030	010	010	27
28																									28
29		020	030	025	010	005														005	005				29
30		010			015	055	005	010									015	020							30
31														005	035	145		010				005			31
	015	103	030	025	025	060	005	010		103		050	015	020	050	150	015	030	005	050	055	035	010	015	

*Record defective or Instrument out of action. †Obtained from reading of Standard. ‡ Approximate

VAPOUR TENSION. IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
1	193	187	188	193	194	192	190	190	197	211	219	225	232	238	241	232	235	234	230	220	214	213	211	208	1
2	207	205	202	204	182	176	184	191	190	200	208	207	211	209	203	206	198	198	194	190	190	199	193	191	2
3	193	187	189	189	184	188	196	195	193	196	200	199	189	192	184	191	189	189	187	186	188	188	190	191	3
4	196	190	198	196	195	184	178	177	178	169	197	197	199	199	200	189	189	189	182	174	173	174	169	178	4
5	188	191	190	184	187	184	191	192	193	196	206	216	223	213	215	216	225	212	203	208	192	186	169	161	5
6	156	147	136	133	127	114	115	113	111	121	136	135	141	141	143	146	152	154	154	162	166	180	184	188	6
7	197	208	211	210	205	198	199	198	200	191	191	187	184	191	188	189	177	177	171	168	165	174	175	176	7
8	172	173	162	157	161	147	141	147	147	*	*	150	148	151	160	147	145	146	150	149	149	154	151	147	8
9	148	145	142	141	143	145	*	147	*	137	137	145	*	141	*	147	144	160	153	144	150	147	145	135	9
10	145	148	152	143	137	150	153	147	*	147	*	147	142	147	144	138	150	150	148	151	144	145	149	155	10
11	147	145	155	157	158	157	145	145	148	149	157	158	158	160	*	157	*	*	154	148	148	145	155	162	11
12	164	160	153	153	151	149	151	153	153	149	150	152	151	143	145	143	149	153	153	148	148	152	148	150	12
13	144	144	149	147	148	141	130	132	127	124	122	130	132	137	129	126	117	114	126	116	123	111	123	123	13
14	123	123	123	117	123	107	129	109	118	113	122	130	140	146	135	133	143	132	127	125	127	114	098	106	14
15	112	117	130	127	119	117	123	125	132	138	147	152	*			175	187	181	171	179	174	168	*	*	15
16	*	166	167	164	164	171	171	172	177	179	175	169	186	185	183	188	185	175	*	*	151	156	151	147	16
17	142	146	135	140	133	136	127	127	121	125	131	140	147	157	158	158	154	141	147	146	129	138	138	130	17
18	124	137	139	132	161	155	161	165	*	195	200	203	204	203	199	188	189	189	186	176	172	168	163	149	18
19	*	151	148	148	152	155	155	166	*	159	174	179	180	181	186	184	177	174	173	174	165	164	160	159	19
20	192	*	163	150	141	152	151	155	162	164	162	168	162	160	161	161	165	153	155	158	158	160	152	157	20
21	148	154	157	162	158	148	148	137	143	142	141	146	154	153	148	153	154	159	140	139	137	138	134	139	21
22	135	139	138	151	156	153	163					*	*					151	136	137	141	127	122	122	22
23	99	109	112	119	113	106	088	094	088	107	124	131	139	139	146	142	142	132	123	109	116	116	104	113	23
24	95	070	103	116	110	113	129	130	125	114	112	122	114	123	132	130	118	103	091	090	087	083	083	086	24
25	83	084	091	094	101	109	115	128	148	162	156	150	147	157	161	148	144	144	159	153	157	153	154	155	25
26	168	167	169	175	188	186	214	220	236	255	259	266	279	285	291	283	272	277	278	279	279	277	283	285	26
27	288	273	270	273	268	269	267	266	267	268	281	281	257	218	204	208	206	206	206	206	218	221	234	237	27
28	245	238	235	220	216	215	220	218	228	259	266	273	272	274	258	252	247	249	237	231	232	249	252	263	28
29	275	277	285	287	282	286	279	237	222	232	237	246	257	269	267	283	285	282	292	294	291	289	287	285	29
30	335	300	303	309	323	344	353	362	362	356	346	344	327	335	333	316	341	348	327	326	330	327	327	328	30
31	324	320	319	319	321	318	315	317	315	308	300	308	303	310	324	287	294	291	297	286	300	311	287	286	31

Meteorological Office.
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